

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan BIOMEME 401(K) PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/01/2019
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) BIOMEME, INC. 401 N BROAD STREET SUITE 222 PHILADELPHIA, PA 19108
2b	Employer Identification Number (EIN) 46-1268570
2c	Plan Sponsor's telephone number 267-930-7707
2d	Business code (see instructions) 541600

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2024	MAX PERELMAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 346
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 313 6a(2) 74 6b 4 6c 93 6d 171 6e 0 6f 171 6g(1) 176 6g(2) 147 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2A 2E 2J 2K 2F 2G 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
--	--

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☒ **A** (Insurance Information) – Number Attached 1
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan	B Three-digit plan number (PN)	001
BIOMEME 401(K) PLAN		
C Plan sponsor's name as shown on line 2a of Form 5500	D Employer Identification Number (EIN)	
BIOMEME, INC.	46-1268570	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
--------	---	--

1 Coverage Information:

(a) Name of insurance carrier

PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	628875	285	01/01/2023	12/31/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	365

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

ASCENSUS

PO BOX 734602

CHICAGO, IL 60673

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
0	365	REFERRAL/SERVICE FEE	3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	0
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	888260

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year.....**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee(3) ☐ guaranteed investment (4) ☐ other ▶**b** Balance at the end of the previous year**7b****0****c** Additions: (1) Contributions deposited during the year**7c(1)**

(2) Dividends and credits

7c(2)

(3) Interest credited during the year

7c(3)

(4) Transferred from separate account.....

7c(4)

(5) Other (specify below)

7c(5)

▶

(6) Total additions.....

7c(6)**0****d** Total of balance and additions (add lines **7b** and **7c(6)**)**7d****0****e** Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

(2) Administration charge made by carrier

7e(2)

(3) Transferred to separate account.....

7e(3)

(4) Other (specify below)

7e(4)

▶

(5) Total deductions.....

7e(5)**0****f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**)**7f****0**

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A?..... ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan BIOME ME 401(K) PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 BIOME ME, INC.	D Employer Identification Number (EIN) 46-1268570

Part I

Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☐ Yes ☒ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ASCENSUS

82-3719843

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 50 49 99	CONTRACT ADMINISTRATOR	4522	Yes ☒ No ☐	Yes ☐ No ☒	1082	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 50 64	CONTRACT ADMINISTRATOR	3323	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ASCENSUS	13 50 49 99	1082

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	REFERRAL/SERVICE FEE

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ASCENSUS	13 50 49 99	1082

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	REFERRAL/SERVICE FEE

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
---	---	---

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan BIOMEME 401(K) PLAN	B Three-digit plan number (PN) ▶	001
---	---	----------------

C Plan or DFE sponsor's name as shown on line 2a of Form 5500 BIOMEME, INC.	D Employer Identification Number (EIN) 46-1268570
--	--

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
--------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LGCP S&P 500 INDEX SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-016	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 142258
------------------------------------	----------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SM CAP S&P 600 INDEX SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-028	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 167124
------------------------------------	----------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP S&P 400 IDX SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-023	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 159816
------------------------------------	----------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LARGE CAP GROWTH I SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-066	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 415034
------------------------------------	----------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN REAL ESTATE SECS SA-Z

b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY

c EIN-PN 42-0127290-095	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4028
------------------------------------	----------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
---------------------	--------------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
---------------------	--------------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan BIOMEME 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BIOMEME, INC.		
D Employer Identification Number (EIN) 46-1268570		

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	0
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	0	20770
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	3048497	4026981
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	3048497	4047751
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	3048497	4047751

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	389274	
(B) Participants	2a(1)(B)	778371	
(C) Others (including rollovers)	2a(1)(C)	117744	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1285389
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	639	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		639
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		476347
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		1762375

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	755276	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		755276
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)	7845	
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		7845
j Total expenses. Add all expense amounts in column (b) and enter total	2j		763121

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		999254
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **RKL, LLP**

(2) EIN: **23-2108173**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		☒	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		☒	
e Was this plan covered by a fidelity bond?	☒		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
---	--	---

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan BIOMEME 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BIOMEME, INC.	D Employer Identification Number (EIN) 46-1268570	

Part I	Distributions
--------	---------------

All references to distributions relate only to payments of benefits during the plan year.

1	Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	0
2	Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): _____ Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3	Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
---------	--

4	Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.				
5	If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6	a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
	b Enter the amount contributed by the employer to the plan for this plan year	6b		
	c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.				
7	Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8	If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☐ N/A

Part III	Amendments
----------	------------

9	If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.	☐ Increase	☐ Decrease	☐ Both	☐ No
---	--	-----------------------------------	-----------------------------------	-------------------------------	-----------------------------

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
---------	--

10	Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11	a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
	b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12	Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for: a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment) b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14a 14b 14c	
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to: a The corresponding number for the plan year immediately preceding the current plan year b The corresponding number for the second preceding plan year	15a 15b	
16 Information with respect to any employers who withdrew from the plan during the preceding plan year: a Enter the number of employers who withdrew during the preceding plan year b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16a 16b	
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
----------------	---

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐	
19 If the total number of participants is 1,000 or more, complete lines (a) and (b): a Enter the percentage of plan assets held as: Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____% High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____% b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation: _____	

Part VII	IRS Compliance Questions
-----------------	---------------------------------

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No 21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2). ☒ Design-based safe harbor method ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A	
22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter <u>06 / 30 / 2020</u> (MM/DD/YYYY) and the Opinion Letter serial number <u>Q702814A</u> .	

To the Plan Administrator
Biomeme 401(k) Plan
Philadelphia, Pennsylvania

This letter is to inform the management of Biomeme 401(k) Plan (the Plan) about significant matters related to the conduct of our audit as of and for the year ended December 31, 2023, so that it can appropriately discharge its oversight responsibility and we comply with our professional responsibilities.

Auditing standards generally accepted in the United States of America (GAAS) (AU-C 260, *The Auditor's Communication with Those Charged with Governance*) require the auditor to promote effective two-way communication between the auditor and those charged with governance. Consistent with this requirement, the following summarizes our responsibilities regarding the financial statement audit, as well as observations arising from our audit that are significant and relevant to your responsibility to oversee the financial reporting process.

Our Responsibilities with Regard to the Financial Statement Audit

Our responsibility under GAAS has been described to you in our arrangement letter dated July 16, 2024. The audit of the financial statements does not relieve management, or those charged with governance, of their responsibilities, which are also described in that letter.

As management determined it is permissible in the circumstances and elected to have the audit of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C), the audit did not extend to any certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of the applicable financial reporting framework.

Overview of the Planned Scope and Timing of the Financial Statement Audit

We have issued a separate communication, dated July 16, 2024, regarding the planned scope and timing of our audit and identified significant risks.

Significant Accounting Practices, Including Policies, Estimates, and Disclosures

In our meeting with you, we will discuss our views about the qualitative aspects of the Plan's significant accounting practices, including significant accounting policies, significant unusual transactions, accounting estimates, and financial statement disclosures. The following is a list of the matters that will be discussed, including the significant estimates, which you may wish to monitor for your oversight responsibilities of the financial reporting process:

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by the Plan is included in Note 2 to the financial statements. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Significant Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events, and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

The most sensitive accounting estimate affecting the financial statements is determining the fair value of financial instruments with no readily determinable market. Management believes, and we concur, that this estimate is reasonable in relation to the financial statements taken as a whole.

Financial Statement Disclosures

The disclosures in the financial statements are neutral, consistent, and clear. Certain plan financial statement disclosures are particularly sensitive because of their significance to the financial statement users. The most sensitive disclosures affecting the financial statements are plan investment disclosures and the ERISA Section 103(a)(3)(C) audit exemption disclosures.

Audit Adjustments and Uncorrected Misstatements

There were no audit adjustments made to the original trial balance presented to us to begin our audit.

We are not aware of any uncorrected misstatements other than misstatements that are clearly trivial.

Form 5500 Filing

GAAS require that we obtain and read a draft of the Plan's Form 5500 that is substantially complete prior to the dating of our auditor's report in order to identify material inconsistencies, if any, with the Plan's audited financial statements. We read the Plan's draft Form 5500 filing for consistency with information in the financial statements. We did not identify material inconsistencies with the audited financial statements, other than appropriate reconciling items with the draft Form 5500 as disclosed in the notes to the financial statements.

ERISA-Required Supplemental Schedules

We subjected the information included in the ERISA-required supplemental schedules, other than that agreed to, or derived from, the certified investment information, to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or the financial statements themselves, and other additional procedures in accordance with GAAS. The objective of these audit procedures was to determine whether the ERISA-required supplemental schedules, other than the certified investment information, are fairly stated in all material respects in relation to the financial statements as a whole, whether the form and content of the ERISA-required supplemental schedules are presented in conformity with the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure Under ERISA, and whether the certified investment information in the supplemental schedules agrees to, or are derived from, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C). We will include an other matter paragraph in our auditor's report for the ERISA-required supplemental schedules. We did not identify inconsistencies with the audited financial statements or with the certified investment information.

Significant Issues Discussed, or Subject to, Correspondence with Management

In the normal course of our professional association with the Plan, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, business conditions affecting the entity, and business plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as the Plan's auditors.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management relating to the performance of the audit.

Management Representations

Attached is a copy of the management representation letter.

Closing

We will be pleased to respond to any questions you have about the foregoing. We appreciate the opportunity to continue to be of service to the Biomeme 401(k) Plan.

This report is intended solely for the information and use of the Plan Administrator and is not intended to be, and should not be, used by anyone other than this specified party.

Handwritten signature of RKL LLP in black ink.

October 9, 2024
Wyomissing, Pennsylvania

October 9, 2024

RKL LLP
1330 Broadcasting Road
Wyomissing, PA 19610

This representation letter is provided in connection with your audits of the financial statements of Biomeme Inc. 401(k) (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2023 and 2022, the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

We elected to have the audit of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. We acknowledge that the audit did not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier, that is regulated, supervised, and subject to periodic examination by a state or federal agency, a qualified institution, that prepared and certified the investment information in accordance with 29 CFR 2520.103-5 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. We have determined that an ERISA Section 103(a)(3)(C) audit is permissible under the circumstances. We have also determined that the investment information is prepared and certified by a qualified institution as described by 29 CFR 2520.103-8, that the certification meets the requirements in 29 CFR 2520.103-5 and that the certified information is appropriately measured, presented, and disclosed in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

The purpose of an ERISA Section 103(a)(3)(C) audit is to express an opinion on whether the amounts and disclosures in the financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with U.S. GAAP and that the assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the certified investment information.

We confirm, to the best of our knowledge and belief, that as of the date of this letter:

Financial Statements

1. We have fulfilled our responsibilities, as set out in the terms of the audit arrangement letter, dated July 16, 2024, for the preparation and fair presentation of the financial statements referred to above in accordance with U.S. GAAP.



2. We acknowledge our responsibility for administering the plan and determining the Plan's transaction that are presented and disclosed in the ERISA plan financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants to determine the benefits due or which may become due to such participants.
3. We acknowledge our responsibility for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.
4. We acknowledge our responsibility for the design, implementation, and maintenance of internal control to prevent and detect fraud.
5. Significant assumptions used by us in making accounting estimates, including those measured at fair value, are reasonable and reflect our judgment based on our knowledge and experience about past and current events, and our assumptions about conditions we expect to exist and courses of action we expect to take.
6. We are responsible for the estimation methods and assumptions used in measuring assets and liabilities reported or disclosed at fair value, including information obtained from brokers, pricing services or other third parties. Our valuation methodologies have been consistently applied from period to period. The fair value measurements reported or disclosed represented our best estimate of fair value as of the measurement date in accordance with the requirements of Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, *Fair Value Measurement*. In addition, our disclosures related to fair value measurements are consistent with the objectives outlined in FASB ASC 820.
7. Related-party relationships and transactions have been appropriately accounted for and disclosed in accordance with the requirements of U.S. GAAP.
8. Transactions with parties in interest, as defined in Section 3(14) of ERISA and regulations thereunder, including sales, purchases, loans, transfers, leasing arrangements and guarantees, and amounts receivable from, or payable to, related parties have been appropriately accounted for and disclosed.
9. All events subsequent to the date of the financial statements, and for which U.S. GAAP requires adjustment or disclosure, have been adjusted or disclosed.
10. The effects of all known actual or possible litigation and claims have been accounted for and disclosed in accordance with U.S. GAAP.
11. We have no intention to terminate the Plan.
12. We have properly reported and disclosed amendments to the Plan instrument, if any.



13. With respect to the financial statement preparation performed in the course of the audit:
 - a. We have made all management decisions and performed all management functions;
 - b. We have assigned an appropriate individual to oversee the services who possesses suitable skills, knowledge, and/or expertise;
 - c. We have evaluated the adequacy and results of the services performed, and made an informed judgment on the results of the services performed;
 - d. We have accepted responsibility for the results of the services; and
 - e. We have accepted responsibility for all significant judgments and decisions that were made.
14. We have no knowledge of any uncorrected misstatements in the financial statements.

Supplementary Information

15. We acknowledge our responsibility for the presentation of the ERISA-required supplemental schedules in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. In this regard:
 - a. We believe such schedules, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
 - b. The methods of measurement or presentation have not changed from those used in the prior period.
 - c. We will only present the ERISA-required supplemental schedule together with the audited financial statements and auditor's report thereon and will not separate the ERISA-required supplemental schedule from the audited financial statements and auditor's report thereon in any document that contains such information.

Information Provided

16. We have provided you with:
 - a. Access to all information of which we are aware that is relevant to the preparation and fair presentation of the financial statements such as records, documentation and other matters;
 - b. Additional information that you have requested from us for the purpose of the audit;
 - c. Unrestricted access to persons within the Plan from whom you determined it necessary to obtain audit evidence;



- d. The currently effective version of the Plan document, including the prototype plan document and adoption agreement, the trust agreement or insurance contracts, and all related amendments;
 - e. A draft of the Form 5500 that is substantially complete;
 - f. All correspondence, filings, reports and determinations with the Internal Revenue Service (IRS) and the DOL relating to the Plan's compliance with ERISA and the maintenance of its tax exempt status; and
 - g. All Plan financial records and related data. In that regard, the payroll information we provided you covered all employees that were eligible to participate in the Plan.
17. All transactions have been recorded in the accounting records and are reflected in the financial statements.
18. The plan sponsor's management designated an individual with sufficient skills, knowledge, and experience to oversee the financial statement preparation process and take responsibility for the results of the financial statement preparation services. This individual performed a detailed review of the financial statements, consisting of the following procedures:
- a. Reconciliation of the trust activity to the financial statements.
 - b. Review and approval of all journal entries proposed by you, including the review of supporting documentation and explanations.
 - c. Review of the adequacy of financial statement disclosures.
 - d. Review and approval of schedules and calculations supporting the amounts included in the notes to the financial statements.
 - e. Applying analytical procedures to financial statements.
19. We have disclosed to you the results of our assessment of risk that the financial statements may be materially misstated as a result of fraud.
20. We have no knowledge of any allegations of fraud or suspected fraud affecting the Plan involving:
- a. Management;
 - b. Employees who have significant roles in internal control; and
 - c. Others where the fraud could have a material effect on the financial statements.
21. We have no knowledge of any allegations of fraud or suspected fraud affecting the Plan received in communications from employees, former employees, participants, regulators, beneficiaries, service providers, third-party administrators, or others.



22. We have:
- a. Provided you with all information we are aware of with respect to current and potential affiliates, including ownership percentage and materiality assessments.
 - b. Notified you of all planned transactions involving (i) changes in control of the Plan Sponsor or an investor obtaining a 20% or greater ownership in the Plan Sponsor or representation on the Plan Sponsor's Board of Directors [or equivalent body], or (ii) investments of 20% or greater in or acquisitions of other entities by the Plan Sponsor, sufficiently in advance of their effective dates to enable the Plan Sponsor and RKL LLP to identify and eliminate potential impermissible services and relationships between RKL LLP or its associated entities [AF] and those potential subsidiaries or equity-method investees, prior to the effective dates.
 - c. Made you aware, to the best of our knowledge and belief, of any nonaudit services that the Plan Sponsor or any of our affiliates has engaged RKL LLP or any of its associated entities [AF] to perform.
23. We are not aware of any pending or threatened litigation and claims whose effects should be considered when preparing the financial statements, and neither we nor the plan sponsor, or others acting on behalf of the Plan, have consulted a lawyer concerning litigation and claims or other matters affecting the Plan.
24. We have disclosed to you the identity of all of the Plan's related parties and parties in interest and all the related-party and party-in-interest relationships and transactions of which we are aware.
25. We are aware of no significant deficiencies, including material weaknesses, in the design or operation of internal controls that could adversely affect the Plan's ability to record, process, summarize, and report financial data.
26. We have no plans or intentions that may materially affect the carrying value or classification of assets or liabilities.
27. The Plan has satisfactory title to all owned assets that are recorded at fair value, and all liens, encumbrances or security interests have been properly disclosed.
28. We have answered your questions about the Plan's tax compliance to the best of our knowledge and belief.
29. There have been no communications, whether written or oral, from regulatory agencies concerning noncompliance or deficiencies in the operation of the Plan.
30. We have complied with (a) all aspects of debt and other contractual agreements, including provisions of the Plan, that would have a material effect on the financial statements in the event of noncompliance, (b) the fidelity bonding requirements of ERISA, (c) all participant eligibility and coverage requirements of the Plan, ERISA and the Internal Revenue Code (IRC), and (d) the filing requirements of appropriate agencies.

31. We have complied with the DOL's regulations concerning the timely remittance of participants' contributions to trusts containing assets for the Plan, except as follows:

We have disclosed nonexempt (prohibited) party-in-interest transactions related to late deposits of employee deferrals. Lost earnings on the deposits will be calculated and deposited to the trust by the Plan Sponsor in 2024. Form 5330 will also be filed to remit the applicable excise tax to the IRS. The correction and any excise taxes will be paid out of the Plan Sponsor's, and not the Plan's assets. The late deposit amounts totaled approximately \$18,377.

32. We have disclosed to you all known instances of noncompliance or suspected noncompliance with laws and regulations.
33. We have reviewed the complementary user entity control considerations of the Service Organization Controls (SOC 1) Report for Principal Trust Company for Service Organizations dated December 5, 2023 for the period ended September 30, 2023, and we believe all applicable controls are properly designed and implemented and operating effectively.

We have reviewed the complementary user entity control considerations of the Service Organization Controls (SOC 1) Report for Ascensus, LLC for Service Organizations dated February 15, 2024 for the period ended December 31, 2023, and we believe all applicable controls are properly designed and implemented and operating effectively.

34. There are no:
- a. Nonexempt (prohibited) party-in-interest transactions that were not disclosed in the financial statements or supplemental schedules.
 - b. Notes receivable from participants or other receivables or investments in default or considered to be uncollectible that were not disclosed in the financial statements or supplemental schedules.
 - c. Reportable transactions that were not disclosed in the supplemental schedules.
 - d. Minutes of meetings of the Plan Administrator
35. During the course of your audit, you may have accumulated records containing data that should be reflected in our books and records. All such data have been so reflected. Accordingly, copies of such records in your possession are no longer needed by us.



Max Perelman
Plan Administrator and Chief Executive Officer



Biomeme 401(k) Plan

Financial Statements and Supplemental Schedules

December 31, 2023 and 2022



Biomeme 401(k) Plan

Table of Contents

December 31, 2023 and 2022

	Page
INDEPENDENT AUDITOR'S REPORT	1 to 4
FINANCIAL STATEMENTS	
Statement of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7 to 14
SUPPLEMENTAL SCHEDULES	
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)	15
Schedule H, Line 4a - Schedule of Delinquent Participant Contributions	16

Independent Auditor's Report

To the Plan Administrator and Participants
Biomeme 401(k) Plan
Philadelphia, Pennsylvania

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed the audits of the financial statements of Biomeme 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2023 and 2022, the related statement of changes in net assets available for benefits for the years ended December 31, 2023 and 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency (qualified institution), provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained certifications from qualified institutions as of and for the years ended December 31, 2023 and 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not absolute assurance, and; therefore, is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

Auditor's Responsibilities for the Audit of the Financial Statements (continued)

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter - Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2023 and Schedule H, Line 4a - Schedule of Delinquent Participant Contributions for the year ended December 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements, but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to, or derived from, the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to, or is derived from, the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to, or derived from, the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Other Matter - Supplemental Schedules Required by ERISA (continued)

In our opinion:

- The form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to, or is derived from, the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

RKL LLP

October 9, 2024
Wyomissing, Pennsylvania

Biomeme 401(k) Plan**Statement of Net Assets Available for Benefits**

	December 31,	
	2023	2022
Assets		
Investments, at Fair Value	\$ 3,138,721	\$ 2,394,552
Fully Benefit-Responsive Investment Contract, at Contract Value	888,260	653,945
Receivables		
Participants contribution receivable	38,850	-
Employer contribution receivable	12,751	-
Notes receivable from participants	20,770	-
	72,371	-
Net Assets Available for Benefits	\$ 4,099,352	\$ 3,048,497

Biomeme 401(k) Plan

Statement of Changes in Net Assets Available for Benefits

	Years Ended December 31,	
	2023	2022
Additions (Deductions)		
Investment income (loss)		
Net appreciation (depreciation) in fair value of investments	\$ 476,347	\$ (326,662)
Interest and dividends	-	48,191
	476,347	(278,471)
Interest income on notes receivable	639	-
Contributions		
Participants	817,221	1,113,464
Employer	402,025	542,318
Rollovers	117,744	530,218
	1,336,990	2,186,000
Benefits paid to participants	(755,276)	(261,489)
Administrative expenses	(7,845)	(5,342)
Net Increase	1,050,855	1,640,698
Net Assets Available for Benefits at Beginning of Year	3,048,497	1,407,799
Net Assets Available for Benefits at End of Year	\$ 4,099,352	\$ 3,048,497

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 1 - Description of Plan

The following description of the Biomeme 401(k) Plan (the Plan) provides only general information. Participants should refer to the plan agreement for more complete information.

General

The Plan was established on January 1, 2019 and is a defined contribution safe harbor plan covering all employees of Biomeme, Inc. and One Health Laboratories, LLC (the Company). Employees are immediately eligible to make salary deferrals on their first day of employment, including safe harbor employer matching contributions and profit-sharing contributions. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions

Each year, participants may contribute up to the maximum percentage allowable by law of annual compensation, as defined in the Plan, either as a traditional pre-tax or Roth post-tax deferral. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. Participants direct the investment of all contributions into various investment options offered by the Plan. The Company provides a safe harbor matching contribution equal to 100% of the first 3%, then 50% of the next 2% of the participants' contributions. The Company may make an additional discretionary matching contribution. The Company may make a discretionary profit-sharing contribution. For the years ended December 31, 2023 and 2022, the Company did not make a discretionary contribution. Contributions are subject to certain IRS limitations.

Participant Accounts

Each participant's account is credited with the participant's contribution and allocations of (a) the Company's contribution, (b) plan earnings, and (c) forfeitures of terminated participants' nonvested accounts, and charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their contributions and employer safe harbor matching contributions, plus actual earnings thereon. Vesting in the remainder of their accounts is based on years of service. A participant is 100% vested after four years of credited service based on the following vesting schedule:

Years of Service	Vesting Percentage
Less than 1	0 %
1	25
2	50
3	75
4	100

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 1 - Description of Plan (continued)

Notes Receivable from Participants

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from one to five years, unless the loan is to acquire the participant's principal residence, in which case, the loan may exceed five years. The loans are secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates as determined by the Plan Administrator. Principal and interest are paid ratably through payroll deductions.

Payment of Benefits

Upon retirement, disability, or death, distributions will be paid as soon as administratively possible in a lump-sum or as partial payments. Upon termination of service other than by retirement, disability, or death, a participant will receive a lump-sum payment if the total of their vested account balance does not exceed \$1,000. If the vested account balance exceeds \$1,000, but does not exceed \$5,000, the distribution will be paid in a direct rollover to an individual retirement account designated by the administrator, unless the participant elects to have the distribution paid otherwise. If the vested account balance exceeds \$5,000, the assets will generally be held in a trust until the participant's normal or early retirement date. However, terminated participants may elect to receive their vested accounts following termination. In-service and hardship distributions are allowed if certain criteria are met.

Forfeited Accounts

At both December 31, 2023 and 2022, there were no forfeited nonvested accounts. Forfeitures may be used to pay the Plan's administrative expenses and may also be used to reduce future employer contributions to the Plan. During 2023 and 2022, none of the forfeited accounts were used to reduce plan expenses. For the years ended December 31, 2023 and 2022, none of the forfeited nonvested accounts were used to offset employer contributions.

Note 2 - Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements are prepared on the accrual basis of accounting.

Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measure for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts, because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 2 - Summary of Significant Accounting Policies (continued)

Investment Valuation and Income Recognition

Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold, as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued, but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2023 and 2022.

Payment of Benefits

Benefits are recorded when paid.

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the distribution of benefit payments are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation (depreciation) in fair value of investments and administrative expenses.

Note 3 - Information Certified and Provided by Principal Life Insurance Company and Principal Trust Company

Certain information related to investments disclosed in the accompanying financial statements and ERISA-required supplemental schedules, including investments and notes receivable held at December 31, 2023 and 2022, and net appreciation (depreciation) in fair value of investments and interest income for the years ended December 31, 2023 and 2022, was obtained by management and agreed to, or derived from, information certified as complete and accurate by Principal Life Insurance Company and Principal Trust Company, the custodians of the Plan.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 4 - Fair Value Measurements

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, *Fair Value Measurements and Disclosures*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability; and
- Inputs that are derived principally from, or corroborated by, observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The following are descriptions of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2023 and 2022.

Registered investment companies are valued at net asset value (NAV) of shares held by the Plan at year-end.

Pooled separate accounts are valued at NAV of units held. The NAV is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the funds, less their liabilities.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 4 - Fair Value Measurements (continued)

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value:

Fair Value Measurements at December 31, 2023			
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
			Total
Registered investment companies	\$ 3,138,721	\$ -	\$ -
Investments measured at net asset value ⁽¹⁾			888,260
			\$ 4,026,981
Fair Value Measurements at December 31, 2022			
Registered investment companies	\$ 2,394,552	\$ -	\$ -
Investments measured at net asset value ⁽¹⁾			653,945
			\$ 3,048,497

(1) In accordance with Subtopic 820-10, certain investments that are measured at fair value using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in these tables are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statement of net assets available for benefits.

Changes in Fair Value Levels

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another.

Plan management evaluated the significance of transfers between levels based upon the nature of the financial instrument and size of the transfer relative to total net assets available for benefits. For the years ended December 31, 2023 and 2022, there were no transfers in or out of Level 3.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 4 - Fair Value Measurements (continued)

Changes in Fair Value Levels (continued)

	Fair Value		Unfunded Commitment	Redemption Frequency	Redemption Notice Period
	December 31, 2023	December 31, 2022			
Insurance Company					
Pooled Separate A					
Large Cap	\$ 557,292	\$ 406,480	\$ -	Immediate	None
Mid Cap	159,816	120,196	-	Immediate	None
Small Cap	167,124	121,277	-	Immediate	None
Real Estate	4,028	5,992	-	Immediate	None

Note 5 - Fully Benefit-Responsive Investment Contract

The Plan holds a traditional investment contract. This contract meets the fully benefit-responsive investment contract criteria and, therefore, is reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts, because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value represents contributions made under each contract, plus earnings, less participant withdrawals and administrative expenses.

The traditional investment contract held by the Plan is a guaranteed investment contract. The contract issuer is contractually obligated to repay the principal and interest at a specified interest rate that is guaranteed to the Plan. The crediting rate is reviewed on a quarterly basis for resetting. The contract cannot be terminated before the scheduled maturity date.

The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

The contract cannot be terminated before the scheduled maturity date. The Plan's ability to receive amounts due in accordance with the fully benefit-responsive investment contract is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments. Certain events might limit the ability of the Plan to transact at contract value with the contract issuer. These events may be different under each contract. Examples of such events include the following:

- A. The Plan's failure to qualify under Section 401(a) of the Internal Revenue Code (IRC) or the failure of the trust to be tax-exempt under Section 501(a) of the IRC.
- B. Premature termination of the contracts.
- C. Plan termination or merger.
- D. Changes to the Plan's prohibition on competing investment options.
- E. Bankruptcy of the plan sponsor or other plan sponsor events (for example, divestitures or spinoffs of a subsidiary) that significantly affect the Plan's normal operations.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 5 - Fully Benefit-Responsive Investment Contract (continued)

No events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuer and that also would limit the ability of the Plan to transact at contract value with the participants.

In addition, certain events allow the issuer to terminate the contract with the Plan and settle at an amount different from contract value. Examples of such events include the following:

- A. An uncured violation of the Plan's investment guidelines.
- B. A breach of material obligation under the contract.
- C. A material misrepresentation.
- D. A material amendment to the agreements without the consent of the issuer.

Note 6 - Tax Status

The Company adopted a nonstandardized pre-approved profit-sharing plan sponsored by Ascensus, LLC, Inc. The pre-approved prototype plan has received an opinion letter from the IRS, dated June 30, 2020, stating that the pre-approved prototype plan is qualified under the appropriate section of the IRC. The pre-approved prototype plan opinion letter has been relied upon by this Plan. The Plan Administrator believes that the Plan is designed and is currently being operated in compliance with applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan. Management evaluated the Plan's tax positions and concluded that the Plan had maintained its tax-exempt status and had taken no uncertain tax positions that require recognition or disclosure in the financial statements. Therefore, no provision or liability for income taxes has been included in the financial statements. With few exceptions, the Plan is no longer subject to income tax examinations by the U.S. Federal, state, or local tax authorities for years before 2020.

Note 7 - Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of plan termination, participants would become 100% vested in the Company's discretionary matching and profit-sharing contribution portions of their accounts.

Note 8 - Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 9 - Related Party Transactions and Party-In-Interest Transactions

Certain plan investments are units of pooled separate accounts and a guaranteed interest account managed by Principal Life Insurance Company. Principal Life Insurance Company is custodian and; therefore, these transactions qualify as party-in-interest transactions.

Fees paid by the Plan for recordkeeping services amounted to \$7,845 and \$5,342 for the years ended December 31, 2023 and 2022, respectively.

Note 10 - Delinquent Participant Contributions

During 2022, the plan sponsor inadvertently failed to deposit \$18,377 of participant deferrals within the required timeframe as stated by the United States Department of Labor regulations. The plan sponsor intends to reimburse the Plan for lost interest. The plan sponsor intends to file Form 5330 and intends to pay the applicable excise tax in 2024. The excise tax payments will be made from the plan sponsor's assets and not from assets of the Plan.

Note 11 - Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31, 2023:

Net assets available for benefits per the financial statements	\$ 4,099,352
Participant contributions receivable	(38,850)
Employer contributions receivable	<u>(12,751)</u>
Net Assets Available for Benefits per the Form 5500	<u>\$ 4,047,751</u>

The following is a reconciliation of contributions from participants and employer per the financial statements to the Form 5500 as of December 31, 2023:

Contributions from participants and employer per the financial statements	\$ 1,219,246
Contributions receivable from participants and employer per the financial statements	<u>(51,601)</u>
Contributions per the Form 5500	<u>\$ 1,167,645</u>

Note 12 - Subsequent Events

Plan management has evaluated subsequent events through October 9, 2024. This date is the date the financial statements were available to be issued. No material events subsequent to December 31, 2023 were noted.

Biomeme 401(k) Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 46-1268570, Plan Number 001

December 31, 2023

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost	(e) Current Value
Registered Investment Companies				
	American Century Investments	Amer Century Emerg Mkts R6 Fd	**	\$ 373,417
	BlackRock	BlackRock Global Alloc K Fd	**	1,133
	Ivy Investment Management Co	Delaware Ivy Mid Cap Gr R6	**	122,678
	Dimensional Fund Advisors	DFA Social Fixed Income Portfolio	**	1,732
	Dimensional Fund Advisors	DFA US SUST CR 1 FD	**	3,612
	Janus International Holding, LLC	JanusHenderson Triton N	**	96,305
	Lord Abbett	Lord Abbett High Yield R6 Fund	**	192,351
	PIMCO Funds	PIMCO Intl Bond (USD-Hdg) I Fd	**	185,906
	TIAA Investments	TIAA-CREF SOC CH EQ I FUND	**	6,010
	Vanguard Group	Vanguard MidCap Val Idx Adm Fd	**	166,269
	Vanguard Group	Vanguard Sm Cap Val Idx Adm Fd	**	179,986
	Vanguard Group	Vanguard TI Stk Mkt Idx Adm Fd	**	211,691
	Vanguard Group	Vanguard Value Index Adm Fund	**	448,329
	Vanguard Group	Vgd Ttl Intl Stk Idx Adm Fd	**	408,335
	Western Asset Management Co.	Western Asset Cr Pls Bd IS Fd	**	247,837
				2,645,591
Insurance Company Pooled Separate Accounts				
*	Principal Life Insurance Company	Prin LargeCap Growth I SA-Z	**	415,034
*	Principal Life Insurance Company	Prin LgCp S&P 500 Index SA-Z	**	142,258
*	Principal Life Insurance Company	Prin MidCap S&P 400 Idx SA-Z	**	159,816
*	Principal Life Insurance Company	Prin SmCap S&P 600 Idx SA-Z	**	167,124
*	Principal Life Insurance Company	PRIN REAL ESTATE SECS SA-Z	**	4,028
				888,260
Insurance Company Guaranteed Interest Account				
	Principal Life Insurance Company	Insurance Company General Principal Guaranteed Option		493,130
*	Participant Loans	5.25% to 9.50%		20,770
Total Assets (Held at End of Year)				\$ 4,047,751

The above information has been certified by Principal Life Insurance Company and Principal Trust Company, the custodians, as complete and accurate.

* Represents a party-in-interest.

** Cost omitted for participant-directed investments.

Biomeme 401(k) Plan

Schedule H, Line 4a - Schedule of Delinquent Participant Contributions

EIN: 46-1268570, Plan Number 001

Year Ended December 31, 2023

Participant Contributions Transferred Late to Plan Check Here if Late Participant Loan Repayments are Included ☐	Total that Constitutes Prohibited Non-Exempt Transactions			Total Fully Corrected under VFCP and PTE 2002-51
	Contributions Not Corrected	Contributions Corrected Outside of VFCP	Contributions Pending Correction in VFCP	
\$ 18,377	\$ 18,377	\$ -	\$ -	\$ -

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
---	--	---

Part I Annual Report Identification Information	
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)
	☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report
	☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here. ▶	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program
	☐ special extension (enter description) _____
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶	☐

Part II Basic Plan Information —enter all requested information	
1a Name of plan Biomeme 401(k) Plan	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 01/01/2019
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) Biomeme, Inc. 401 N Broad Street Suite 222 Philadelphia PA 19108	2b Employer Identification Number (EIN) 46-1268570
	2c Plan Sponsor's telephone number 267-930-7707
	2d Business code (see instructions) 541600

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE		10/14/2024	MAX PERELMAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2023)
v. 2300728

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 346
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)..... g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1) 313 6a(2) 74 6b 4 6c 93 6d 171 6e 0 6f 171 6g(1) 176 6g(2) 147 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2A 2E 2J 2K 2F 2G 3D b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary (4) ☐ DCG (Individual Plan Information) – Number Attached _____ (5) ☐ MEP (Multiple-Employer Retirement Plan Information)	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ A (Insurance Information) – Number Attached <u>1</u> (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A Name of plan Biomeme 401(k) Plan	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 Biomeme, Inc.	D Employer Identification Number (EIN) 46-1268570

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
--------	---	--

1 Coverage Information:

(a) Name of insurance carrier Principal Life Insurance Company					
(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	628875	285	01/01/2023	12/31/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.	
(a) Total amount of commissions paid	(b) Total amount of fees paid
0	365

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).	
(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
Ascensus PO Box 734602 Chicago IL 60673	

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
0	365	Referral/Service Fee	3
(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid			

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end.....	4	0
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	888,260

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b Premiums paid to carrier	6b	
c Premiums due but unpaid at the end of the year	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year	7b	0
--	-----------	---

c Additions: (1) Contributions deposited during the year	7c(1)		
(2) Dividends and credits.....	7c(2)		
(3) Interest credited during the year.....	7c(3)		
(4) Transferred from separate account.....	7c(4)		
(5) Other (specify below)	7c(5)		
▶			

(6) Total additions.....	7c(6)	0
--------------------------	--------------	---

d Total of balance and additions (add lines 7b and 7c(6))	7d	0
---	-----------	---

e Deductions:			
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)		
(2) Administration charge made by carrier.....	7e(2)		
(3) Transferred to separate account.....	7e(3)		
(4) Other (specify below)	7e(4)		
▶			

(5) Total deductions.....	7e(5)	0
---------------------------	--------------	---

f Balance at the end of the current year (subtract line 7e(5) from line 7d).....	7f	0
--	-----------	---

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan Biomeme 401(k) Plan		B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 Biomeme, Inc.		D Employer Identification Number (EIN) 46-1268570

Part I

Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1

Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☐ Yes ☒ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

Ascensus

82-3719843

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 50 49 99	Contract Administrator	4,522	Yes ☒ No ☐	Yes ☐ No ☒	1,082	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

Principal Life Insurance Company

42-0127290

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 50 64	Contract Administrator	3,323	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
Ascensus	13 99 50 49	1,082
(d) Enter name and EIN (address) of source of indirect compensation Principal Life Insurance Company 42-0127290	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. REFERRAL/SERVICE FEE	
Ascensus	13 99 50 49	1,082
(d) Enter name and EIN (address) of source of indirect compensation Principal Life Insurance Company 42-0127290	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. REFERRAL/SERVICE FEE	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
	13 99 50 49	
(d) Enter name and EIN (address) of source of indirect compensation 	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. 	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III	Termination Information on Accountants and Enrolled Actuaries (see instructions) (complete as many entries as needed)
-----------------	---

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration		DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.		OMB No. 1210-0110 2023 This Form is Open to Public Inspection.	
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023					
A Name of plan Biomeme 401(k) Plan				B Three-digit plan number (PN) ▶ 001	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 Biomeme, Inc.				D Employer Identification Number (EIN) 46-1268570	
Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)					
a Name of MTIA, CCT, PSA, or 103-12 IE: Prin LgCp S&P 500 Index SA-Z					
b Name of sponsor of entity listed in (a): Principal Life Insurance Company					
c EIN-PN 42-0127290 016		d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 142,258		
a Name of MTIA, CCT, PSA, or 103-12 IE: Prin Sm Cap S&P 600 Index SA-Z					
b Name of sponsor of entity listed in (a): Principal Life Insurance Company					
c EIN-PN 42-0127290 028		d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 167,124		
a Name of MTIA, CCT, PSA, or 103-12 IE: Prin MidCap S&P 400 Idx SA-Z					
b Name of sponsor of entity listed in (a): Principal Life Insurance Company					
c EIN-PN 42-0127290 023		d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 159,816		
a Name of MTIA, CCT, PSA, or 103-12 IE: Prin LargeCap Growth I SA-Z					
b Name of sponsor of entity listed in (a): Principal Life Insurance Company					
c EIN-PN 42-0127290 066		d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 415,034		
a Name of MTIA, CCT, PSA, or 103-12 IE: Prin Real Estate Secs SA-Z					
b Name of sponsor of entity listed in (a): Principal Life Insurance Company					
c EIN-PN 42-0127290 095		d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4,028		
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II**Information on Participating Plans (to be completed by DFEs, other than DCGs)**

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan Biomeme 401(k) Plan		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 Biomeme, Inc.		D Employer Identification Number (EIN) 46-1268570

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	0	0
(2) Participant contributions.....	1b(2)	0	0
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	0	20,770
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	3,048,497	4,026,981
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)		
(2) Employer real property.....	1d(2)		
e Buildings and other property used in plan operation.....	1e		
f Total assets (add all amounts in lines 1a through 1e).....	1f	3,048,497	4,047,751
Liabilities			
g Benefit claims payable.....	1g		
h Operating payables.....	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j		
k Total liabilities (add all amounts in lines 1g through 1j).....	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f).....	1l	3,048,497	4,047,751

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers.....	2a(1)(A)	389,274	
(B) Participants.....	2a(1)(B)	778,371	
(C) Others (including rollovers).....	2a(1)(C)	117,744	
(2) Noncash contributions.....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1,285,389
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)		
(B) U.S. Government securities.....	2b(1)(B)		
(C) Corporate debt instruments.....	2b(1)(C)		
(D) Loans (other than to participants).....	2b(1)(D)		
(E) Participant loans.....	2b(1)(E)	639	
(F) Other.....	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		639
(2) Dividends: (A) Preferred stock.....	2b(2)(A)		
(B) Common stock.....	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents.....	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds.....	2b(4)(A)		
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result.....	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate.....	2b(5)(A)		
(B) Other.....	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		476,347
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		1,762,375

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	755,276	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		755,276
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)	7,845	
(3) Recordkeeping fees	2i(3)		
(4) IQPA audit fees	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		7,845
j Total expenses. Add all expense amounts in column (b) and enter total	2j		763,121

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		999,254
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: RKL, LLP

(2) EIN: 23-2108173

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
e Was this plan covered by a fidelity bond?	X		500,000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation		Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.		OMB No. 1210-0110 2023 This Form is Open to Public Inspection.			
For calendar plan year 2023 or fiscal plan year beginning		01/01/2023		and ending		12/31/2023	
A Name of plan Biomeme 401(k) Plan				B Three-digit plan number (PN) ▶		001	
C Plan sponsor's name as shown on line 2a of Form 5500 Biomeme, Inc.				D Employer Identification Number (EIN) 46-1268570			
Part I		Distributions					
All references to distributions relate only to payments of benefits during the plan year.							
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....				1		0	
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.							
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....				3			
Part II		Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)					
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? If the plan is a defined benefit plan, go to line 8.				☐ Yes		☐ No	
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month Day Year If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.				☐ N/A			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....				6a			
b Enter the amount contributed by the employer to the plan for this plan year.....				6b			
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)..... If you completed line 6c, skip lines 8 and 9.				6c			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?				☐ Yes		☐ No	
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?				☐ N/A			
Part III		Amendments					
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....				☐ Increase		☐ Decrease	
				☐ Both		☐ No	
Part IV		ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.					
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....				☐ Yes		☐ No	
11 a Does the ESOP hold any preferred stock?.....				☐ Yes		☐ No	
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....				☐ Yes		☐ No	
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?				☐ Yes		☐ No	
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.				Schedule R (Form 5500) 2023 v. 230728			

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month Day Year

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents)

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

- 14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

14a

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)

14b

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)

14c

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year

15a

b The corresponding number for the second preceding plan year

15b

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

16a

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....

16b

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) and (b):

a Enter the percentage of plan assets held as:

Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%

High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:

☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation.....

Part VII IRS Compliance Questions

- 21a** Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No

- 21b** If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

☒ Design-based safe harbor method

☐ "Prior year" ADP test

☐ "Current year" ADP test

☐ N/A

- 22** If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 06/30/2020 (MM/DD/YYYY) and the Opinion Letter serial number Q702814a.

To the Plan Administrator
Biomeme 401(k) Plan
Philadelphia, Pennsylvania

This letter is to inform the management of Biomeme 401(k) Plan (the Plan) about significant matters related to the conduct of our audit as of and for the year ended December 31, 2023, so that it can appropriately discharge its oversight responsibility and we comply with our professional responsibilities.

Auditing standards generally accepted in the United States of America (GAAS) (AU-C 260, *The Auditor's Communication with Those Charged with Governance*) require the auditor to promote effective two-way communication between the auditor and those charged with governance. Consistent with this requirement, the following summarizes our responsibilities regarding the financial statement audit, as well as observations arising from our audit that are significant and relevant to your responsibility to oversee the financial reporting process.

Our Responsibilities with Regard to the Financial Statement Audit

Our responsibility under GAAS has been described to you in our arrangement letter dated July 16, 2024. The audit of the financial statements does not relieve management, or those charged with governance, of their responsibilities, which are also described in that letter.

As management determined it is permissible in the circumstances and elected to have the audit of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C), the audit did not extend to any certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of the applicable financial reporting framework.

Overview of the Planned Scope and Timing of the Financial Statement Audit

We have issued a separate communication, dated July 16, 2024, regarding the planned scope and timing of our audit and identified significant risks.

Significant Accounting Practices, Including Policies, Estimates, and Disclosures

In our meeting with you, we will discuss our views about the qualitative aspects of the Plan's significant accounting practices, including significant accounting policies, significant unusual transactions, accounting estimates, and financial statement disclosures. The following is a list of the matters that will be discussed, including the significant estimates, which you may wish to monitor for your oversight responsibilities of the financial reporting process:

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by the Plan is included in Note 2 to the financial statements. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Significant Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events, and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

The most sensitive accounting estimate affecting the financial statements is determining the fair value of financial instruments with no readily determinable market. Management believes, and we concur, that this estimate is reasonable in relation to the financial statements taken as a whole.

Financial Statement Disclosures

The disclosures in the financial statements are neutral, consistent, and clear. Certain plan financial statement disclosures are particularly sensitive because of their significance to the financial statement users. The most sensitive disclosures affecting the financial statements are plan investment disclosures and the ERISA Section 103(a)(3)(C) audit exemption disclosures.

Audit Adjustments and Uncorrected Misstatements

There were no audit adjustments made to the original trial balance presented to us to begin our audit.

We are not aware of any uncorrected misstatements other than misstatements that are clearly trivial.

Form 5500 Filing

GAAS require that we obtain and read a draft of the Plan's Form 5500 that is substantially complete prior to the dating of our auditor's report in order to identify material inconsistencies, if any, with the Plan's audited financial statements. We read the Plan's draft Form 5500 filing for consistency with information in the financial statements. We did not identify material inconsistencies with the audited financial statements, other than appropriate reconciling items with the draft Form 5500 as disclosed in the notes to the financial statements.

ERISA-Required Supplemental Schedules

We subjected the information included in the ERISA-required supplemental schedules, other than that agreed to, or derived from, the certified investment information, to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or the financial statements themselves, and other additional procedures in accordance with GAAS. The objective of these audit procedures was to determine whether the ERISA-required supplemental schedules, other than the certified investment information, are fairly stated in all material respects in relation to the financial statements as a whole, whether the form and content of the ERISA-required supplemental schedules are presented in conformity with the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure Under ERISA, and whether the certified investment information in the supplemental schedules agrees to, or are derived from, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C). We will include an other matter paragraph in our auditor's report for the ERISA-required supplemental schedules. We did not identify inconsistencies with the audited financial statements or with the certified investment information.

Significant Issues Discussed, or Subject to, Correspondence with Management

In the normal course of our professional association with the Plan, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, business conditions affecting the entity, and business plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as the Plan's auditors.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management relating to the performance of the audit.

Management Representations

Attached is a copy of the management representation letter.

Closing

We will be pleased to respond to any questions you have about the foregoing. We appreciate the opportunity to continue to be of service to the Biomeme 401(k) Plan.

This report is intended solely for the information and use of the Plan Administrator and is not intended to be, and should not be, used by anyone other than this specified party.

Handwritten signature of RKL LLP in black ink.

October 9, 2024
Wyomissing, Pennsylvania

October 9, 2024

RKL LLP
1330 Broadcasting Road
Wyomissing, PA 19610

This representation letter is provided in connection with your audits of the financial statements of Biomeme Inc. 401(k) (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2023 and 2022, the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

We elected to have the audit of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. We acknowledge that the audit did not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier, that is regulated, supervised, and subject to periodic examination by a state or federal agency, a qualified institution, that prepared and certified the investment information in accordance with 29 CFR 2520.103-5 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. We have determined that an ERISA Section 103(a)(3)(C) audit is permissible under the circumstances. We have also determined that the investment information is prepared and certified by a qualified institution as described by 29 CFR 2520.103-8, that the certification meets the requirements in 29 CFR 2520.103-5 and that the certified information is appropriately measured, presented, and disclosed in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

The purpose of an ERISA Section 103(a)(3)(C) audit is to express an opinion on whether the amounts and disclosures in the financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with U.S. GAAP and that the assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the certified investment information.

We confirm, to the best of our knowledge and belief, that as of the date of this letter:

Financial Statements

1. We have fulfilled our responsibilities, as set out in the terms of the audit arrangement letter, dated July 16, 2024, for the preparation and fair presentation of the financial statements referred to above in accordance with U.S. GAAP.



2. We acknowledge our responsibility for administering the plan and determining the Plan's transaction that are presented and disclosed in the ERISA plan financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants to determine the benefits due or which may become due to such participants.
3. We acknowledge our responsibility for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.
4. We acknowledge our responsibility for the design, implementation, and maintenance of internal control to prevent and detect fraud.
5. Significant assumptions used by us in making accounting estimates, including those measured at fair value, are reasonable and reflect our judgment based on our knowledge and experience about past and current events, and our assumptions about conditions we expect to exist and courses of action we expect to take.
6. We are responsible for the estimation methods and assumptions used in measuring assets and liabilities reported or disclosed at fair value, including information obtained from brokers, pricing services or other third parties. Our valuation methodologies have been consistently applied from period to period. The fair value measurements reported or disclosed represented our best estimate of fair value as of the measurement date in accordance with the requirements of Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, *Fair Value Measurement*. In addition, our disclosures related to fair value measurements are consistent with the objectives outlined in FASB ASC 820.
7. Related-party relationships and transactions have been appropriately accounted for and disclosed in accordance with the requirements of U.S. GAAP.
8. Transactions with parties in interest, as defined in Section 3(14) of ERISA and regulations thereunder, including sales, purchases, loans, transfers, leasing arrangements and guarantees, and amounts receivable from, or payable to, related parties have been appropriately accounted for and disclosed.
9. All events subsequent to the date of the financial statements, and for which U.S. GAAP requires adjustment or disclosure, have been adjusted or disclosed.
10. The effects of all known actual or possible litigation and claims have been accounted for and disclosed in accordance with U.S. GAAP.
11. We have no intention to terminate the Plan.
12. We have properly reported and disclosed amendments to the Plan instrument, if any.



13. With respect to the financial statement preparation performed in the course of the audit:
 - a. We have made all management decisions and performed all management functions;
 - b. We have assigned an appropriate individual to oversee the services who possesses suitable skills, knowledge, and/or expertise;
 - c. We have evaluated the adequacy and results of the services performed, and made an informed judgment on the results of the services performed;
 - d. We have accepted responsibility for the results of the services; and
 - e. We have accepted responsibility for all significant judgments and decisions that were made.
14. We have no knowledge of any uncorrected misstatements in the financial statements.

Supplementary Information

15. We acknowledge our responsibility for the presentation of the ERISA-required supplemental schedules in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. In this regard:
 - a. We believe such schedules, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
 - b. The methods of measurement or presentation have not changed from those used in the prior period.
 - c. We will only present the ERISA-required supplemental schedule together with the audited financial statements and auditor's report thereon and will not separate the ERISA-required supplemental schedule from the audited financial statements and auditor's report thereon in any document that contains such information.

Information Provided

16. We have provided you with:
 - a. Access to all information of which we are aware that is relevant to the preparation and fair presentation of the financial statements such as records, documentation and other matters;
 - b. Additional information that you have requested from us for the purpose of the audit;
 - c. Unrestricted access to persons within the Plan from whom you determined it necessary to obtain audit evidence;



- d. The currently effective version of the Plan document, including the prototype plan document and adoption agreement, the trust agreement or insurance contracts, and all related amendments;
 - e. A draft of the Form 5500 that is substantially complete;
 - f. All correspondence, filings, reports and determinations with the Internal Revenue Service (IRS) and the DOL relating to the Plan's compliance with ERISA and the maintenance of its tax exempt status; and
 - g. All Plan financial records and related data. In that regard, the payroll information we provided you covered all employees that were eligible to participate in the Plan.
17. All transactions have been recorded in the accounting records and are reflected in the financial statements.
18. The plan sponsor's management designated an individual with sufficient skills, knowledge, and experience to oversee the financial statement preparation process and take responsibility for the results of the financial statement preparation services. This individual performed a detailed review of the financial statements, consisting of the following procedures:
- a. Reconciliation of the trust activity to the financial statements.
 - b. Review and approval of all journal entries proposed by you, including the review of supporting documentation and explanations.
 - c. Review of the adequacy of financial statement disclosures.
 - d. Review and approval of schedules and calculations supporting the amounts included in the notes to the financial statements.
 - e. Applying analytical procedures to financial statements.
19. We have disclosed to you the results of our assessment of risk that the financial statements may be materially misstated as a result of fraud.
20. We have no knowledge of any allegations of fraud or suspected fraud affecting the Plan involving:
- a. Management;
 - b. Employees who have significant roles in internal control; and
 - c. Others where the fraud could have a material effect on the financial statements.
21. We have no knowledge of any allegations of fraud or suspected fraud affecting the Plan received in communications from employees, former employees, participants, regulators, beneficiaries, service providers, third-party administrators, or others.



22. We have:
- a. Provided you with all information we are aware of with respect to current and potential affiliates, including ownership percentage and materiality assessments.
 - b. Notified you of all planned transactions involving (i) changes in control of the Plan Sponsor or an investor obtaining a 20% or greater ownership in the Plan Sponsor or representation on the Plan Sponsor's Board of Directors [or equivalent body], or (ii) investments of 20% or greater in or acquisitions of other entities by the Plan Sponsor, sufficiently in advance of their effective dates to enable the Plan Sponsor and RKL LLP to identify and eliminate potential impermissible services and relationships between RKL LLP or its associated entities [AF] and those potential subsidiaries or equity-method investees, prior to the effective dates.
 - c. Made you aware, to the best of our knowledge and belief, of any nonaudit services that the Plan Sponsor or any of our affiliates has engaged RKL LLP or any of its associated entities [AF] to perform.
23. We are not aware of any pending or threatened litigation and claims whose effects should be considered when preparing the financial statements, and neither we nor the plan sponsor, or others acting on behalf of the Plan, have consulted a lawyer concerning litigation and claims or other matters affecting the Plan.
24. We have disclosed to you the identity of all of the Plan's related parties and parties in interest and all the related-party and party-in-interest relationships and transactions of which we are aware.
25. We are aware of no significant deficiencies, including material weaknesses, in the design or operation of internal controls that could adversely affect the Plan's ability to record, process, summarize, and report financial data.
26. We have no plans or intentions that may materially affect the carrying value or classification of assets or liabilities.
27. The Plan has satisfactory title to all owned assets that are recorded at fair value, and all liens, encumbrances or security interests have been properly disclosed.
28. We have answered your questions about the Plan's tax compliance to the best of our knowledge and belief.
29. There have been no communications, whether written or oral, from regulatory agencies concerning noncompliance or deficiencies in the operation of the Plan.
30. We have complied with (a) all aspects of debt and other contractual agreements, including provisions of the Plan, that would have a material effect on the financial statements in the event of noncompliance, (b) the fidelity bonding requirements of ERISA, (c) all participant eligibility and coverage requirements of the Plan, ERISA and the Internal Revenue Code (IRC), and (d) the filing requirements of appropriate agencies.

31. We have complied with the DOL's regulations concerning the timely remittance of participants' contributions to trusts containing assets for the Plan, except as follows:

We have disclosed nonexempt (prohibited) party-in-interest transactions related to late deposits of employee deferrals. Lost earnings on the deposits will be calculated and deposited to the trust by the Plan Sponsor in 2024. Form 5330 will also be filed to remit the applicable excise tax to the IRS. The correction and any excise taxes will be paid out of the Plan Sponsor's, and not the Plan's assets. The late deposit amounts totaled approximately \$18,377.

32. We have disclosed to you all known instances of noncompliance or suspected noncompliance with laws and regulations.

33. We have reviewed the complementary user entity control considerations of the Service Organization Controls (SOC 1) Report for Principal Trust Company for Service Organizations dated December 5, 2023 for the period ended September 30, 2023, and we believe all applicable controls are properly designed and implemented and operating effectively.

We have reviewed the complementary user entity control considerations of the Service Organization Controls (SOC 1) Report for Ascensus, LLC for Service Organizations dated February 15, 2024 for the period ended December 31, 2023, and we believe all applicable controls are properly designed and implemented and operating effectively.

34. There are no:

- a. Nonexempt (prohibited) party-in-interest transactions that were not disclosed in the financial statements or supplemental schedules.
- b. Notes receivable from participants or other receivables or investments in default or considered to be uncollectible that were not disclosed in the financial statements or supplemental schedules.
- c. Reportable transactions that were not disclosed in the supplemental schedules.
- d. Minutes of meetings of the Plan Administrator

35. During the course of your audit, you may have accumulated records containing data that should be reflected in our books and records. All such data have been so reflected. Accordingly, copies of such records in your possession are no longer needed by us.



Max Perelman
Plan Administrator and Chief Executive Officer



Biomeme 401(k) Plan

Financial Statements and Supplemental Schedules

December 31, 2023 and 2022



Biomeme 401(k) Plan

Table of Contents

December 31, 2023 and 2022

	Page
INDEPENDENT AUDITOR'S REPORT	1 to 4
FINANCIAL STATEMENTS	
Statement of Net Assets Available for Benefits	5
Statement of Changes in Net Assets Available for Benefits	6
Notes to Financial Statements	7 to 14
SUPPLEMENTAL SCHEDULES	
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)	15
Schedule H, Line 4a - Schedule of Delinquent Participant Contributions	16

Independent Auditor's Report

To the Plan Administrator and Participants
Biomeme 401(k) Plan
Philadelphia, Pennsylvania

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed the audits of the financial statements of Biomeme 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2023 and 2022, the related statement of changes in net assets available for benefits for the years ended December 31, 2023 and 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency (qualified institution), provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained certifications from qualified institutions as of and for the years ended December 31, 2023 and 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not absolute assurance, and; therefore, is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

Auditor's Responsibilities for the Audit of the Financial Statements (continued)

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter - Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2023 and Schedule H, Line 4a - Schedule of Delinquent Participant Contributions for the year ended December 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements, but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to, or derived from, the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to, or is derived from, the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to, or derived from, the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Other Matter - Supplemental Schedules Required by ERISA (continued)

In our opinion:

- The form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to, or is derived from, the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

RKL LLP

October 9, 2024
Wyomissing, Pennsylvania

Biomeme 401(k) Plan**Statement of Net Assets Available for Benefits**

	December 31,	
	2023	2022
Assets		
Investments, at Fair Value	\$ 3,138,721	\$ 2,394,552
Fully Benefit-Responsive Investment Contract, at Contract Value	888,260	653,945
Receivables		
Participants contribution receivable	38,850	-
Employer contribution receivable	12,751	-
Notes receivable from participants	20,770	-
	72,371	-
Net Assets Available for Benefits	\$ 4,099,352	\$ 3,048,497

Biomeme 401(k) Plan**Statement of Changes in Net Assets Available for Benefits**

	Years Ended December 31,	
	2023	2022
Additions (Deductions)		
Investment income (loss)		
Net appreciation (depreciation) in fair value of investments	\$ 476,347	\$ (326,662)
Interest and dividends	-	48,191
	476,347	(278,471)
Interest income on notes receivable	639	-
Contributions		
Participants	817,221	1,113,464
Employer	402,025	542,318
Rollovers	117,744	530,218
	1,336,990	2,186,000
Benefits paid to participants	(755,276)	(261,489)
Administrative expenses	(7,845)	(5,342)
Net Increase	1,050,855	1,640,698
Net Assets Available for Benefits at Beginning of Year	3,048,497	1,407,799
Net Assets Available for Benefits at End of Year	\$ 4,099,352	\$ 3,048,497

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 1 - Description of Plan

The following description of the Biomeme 401(k) Plan (the Plan) provides only general information. Participants should refer to the plan agreement for more complete information.

General

The Plan was established on January 1, 2019 and is a defined contribution safe harbor plan covering all employees of Biomeme, Inc. and One Health Laboratories, LLC (the Company). Employees are immediately eligible to make salary deferrals on their first day of employment, including safe harbor employer matching contributions and profit-sharing contributions. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions

Each year, participants may contribute up to the maximum percentage allowable by law of annual compensation, as defined in the Plan, either as a traditional pre-tax or Roth post-tax deferral. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. Participants direct the investment of all contributions into various investment options offered by the Plan. The Company provides a safe harbor matching contribution equal to 100% of the first 3%, then 50% of the next 2% of the participants' contributions. The Company may make an additional discretionary matching contribution. The Company may make a discretionary profit-sharing contribution. For the years ended December 31, 2023 and 2022, the Company did not make a discretionary contribution. Contributions are subject to certain IRS limitations.

Participant Accounts

Each participant's account is credited with the participant's contribution and allocations of (a) the Company's contribution, (b) plan earnings, and (c) forfeitures of terminated participants' nonvested accounts, and charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their contributions and employer safe harbor matching contributions, plus actual earnings thereon. Vesting in the remainder of their accounts is based on years of service. A participant is 100% vested after four years of credited service based on the following vesting schedule:

Years of Service	Vesting Percentage
Less than 1	0 %
1	25
2	50
3	75
4	100

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 1 - Description of Plan (continued)

Notes Receivable from Participants

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from one to five years, unless the loan is to acquire the participant's principal residence, in which case, the loan may exceed five years. The loans are secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates as determined by the Plan Administrator. Principal and interest are paid ratably through payroll deductions.

Payment of Benefits

Upon retirement, disability, or death, distributions will be paid as soon as administratively possible in a lump-sum or as partial payments. Upon termination of service other than by retirement, disability, or death, a participant will receive a lump-sum payment if the total of their vested account balance does not exceed \$1,000. If the vested account balance exceeds \$1,000, but does not exceed \$5,000, the distribution will be paid in a direct rollover to an individual retirement account designated by the administrator, unless the participant elects to have the distribution paid otherwise. If the vested account balance exceeds \$5,000, the assets will generally be held in a trust until the participant's normal or early retirement date. However, terminated participants may elect to receive their vested accounts following termination. In-service and hardship distributions are allowed if certain criteria are met.

Forfeited Accounts

At both December 31, 2023 and 2022, there were no forfeited nonvested accounts. Forfeitures may be used to pay the Plan's administrative expenses and may also be used to reduce future employer contributions to the Plan. During 2023 and 2022, none of the forfeited accounts were used to reduce plan expenses. For the years ended December 31, 2023 and 2022, none of the forfeited nonvested accounts were used to offset employer contributions.

Note 2 - Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements are prepared on the accrual basis of accounting.

Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measure for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts, because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 2 - Summary of Significant Accounting Policies (continued)

Investment Valuation and Income Recognition

Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold, as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued, but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2023 and 2022.

Payment of Benefits

Benefits are recorded when paid.

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the distribution of benefit payments are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation (depreciation) in fair value of investments and administrative expenses.

Note 3 - Information Certified and Provided by Principal Life Insurance Company and Principal Trust Company

Certain information related to investments disclosed in the accompanying financial statements and ERISA-required supplemental schedules, including investments and notes receivable held at December 31, 2023 and 2022, and net appreciation (depreciation) in fair value of investments and interest income for the years ended December 31, 2023 and 2022, was obtained by management and agreed to, or derived from, information certified as complete and accurate by Principal Life Insurance Company and Principal Trust Company, the custodians of the Plan.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 4 - Fair Value Measurements

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, *Fair Value Measurements and Disclosures*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability; and
- Inputs that are derived principally from, or corroborated by, observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The following are descriptions of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2023 and 2022.

Registered investment companies are valued at net asset value (NAV) of shares held by the Plan at year-end.

Pooled separate accounts are valued at NAV of units held. The NAV is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the funds, less their liabilities.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Biomeme 401(k) Plan**Notes to Financial Statements**

December 31, 2023 and 2022

Note 4 - Fair Value Measurements (continued)

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value:

Fair Value Measurements at December 31, 2023			
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
			Total
Registered investment companies	<u>\$ 3,138,721</u>	<u>\$ -</u>	<u>\$ -</u>
Investments measured at net asset value ⁽¹⁾			<u>888,260</u>
			<u>\$ 4,026,981</u>
Fair Value Measurements at December 31, 2022			
Registered investment companies	<u>\$ 2,394,552</u>	<u>\$ -</u>	<u>\$ -</u>
Investments measured at net asset value ⁽¹⁾			<u>653,945</u>
			<u>\$ 3,048,497</u>

(1) In accordance with Subtopic 820-10, certain investments that are measured at fair value using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in these tables are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statement of net assets available for benefits.

Changes in Fair Value Levels

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another.

Plan management evaluated the significance of transfers between levels based upon the nature of the financial instrument and size of the transfer relative to total net assets available for benefits. For the years ended December 31, 2023 and 2022, there were no transfers in or out of Level 3.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 4 - Fair Value Measurements (continued)

Changes in Fair Value Levels (continued)

	Fair Value		Unfunded Commitment	Redemption Frequency	Redemption Notice Period
	December 31, 2023	December 31, 2022			
Insurance Company					
Pooled Separate A					
Large Cap	\$ 557,292	\$ 406,480	\$ -	Immediate	None
Mid Cap	159,816	120,196	-	Immediate	None
Small Cap	167,124	121,277	-	Immediate	None
Real Estate	4,028	5,992	-	Immediate	None

Note 5 - Fully Benefit-Responsive Investment Contract

The Plan holds a traditional investment contract. This contract meets the fully benefit-responsive investment contract criteria and, therefore, is reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts, because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value represents contributions made under each contract, plus earnings, less participant withdrawals and administrative expenses.

The traditional investment contract held by the Plan is a guaranteed investment contract. The contract issuer is contractually obligated to repay the principal and interest at a specified interest rate that is guaranteed to the Plan. The crediting rate is reviewed on a quarterly basis for resetting. The contract cannot be terminated before the scheduled maturity date.

The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

The contract cannot be terminated before the scheduled maturity date. The Plan's ability to receive amounts due in accordance with the fully benefit-responsive investment contract is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments. Certain events might limit the ability of the Plan to transact at contract value with the contract issuer. These events may be different under each contract. Examples of such events include the following:

- A. The Plan's failure to qualify under Section 401(a) of the Internal Revenue Code (IRC) or the failure of the trust to be tax-exempt under Section 501(a) of the IRC.
- B. Premature termination of the contracts.
- C. Plan termination or merger.
- D. Changes to the Plan's prohibition on competing investment options.
- E. Bankruptcy of the plan sponsor or other plan sponsor events (for example, divestitures or spinoffs of a subsidiary) that significantly affect the Plan's normal operations.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 5 - Fully Benefit-Responsive Investment Contract (continued)

No events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuer and that also would limit the ability of the Plan to transact at contract value with the participants.

In addition, certain events allow the issuer to terminate the contract with the Plan and settle at an amount different from contract value. Examples of such events include the following:

- A. An uncured violation of the Plan's investment guidelines.
- B. A breach of material obligation under the contract.
- C. A material misrepresentation.
- D. A material amendment to the agreements without the consent of the issuer.

Note 6 - Tax Status

The Company adopted a nonstandardized pre-approved profit-sharing plan sponsored by Ascensus, LLC, Inc. The pre-approved prototype plan has received an opinion letter from the IRS, dated June 30, 2020, stating that the pre-approved prototype plan is qualified under the appropriate section of the IRC. The pre-approved prototype plan opinion letter has been relied upon by this Plan. The Plan Administrator believes that the Plan is designed and is currently being operated in compliance with applicable requirements of the IRC.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan. Management evaluated the Plan's tax positions and concluded that the Plan had maintained its tax-exempt status and had taken no uncertain tax positions that require recognition or disclosure in the financial statements. Therefore, no provision or liability for income taxes has been included in the financial statements. With few exceptions, the Plan is no longer subject to income tax examinations by the U.S. Federal, state, or local tax authorities for years before 2020.

Note 7 - Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of plan termination, participants would become 100% vested in the Company's discretionary matching and profit-sharing contribution portions of their accounts.

Note 8 - Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits.

Biomeme 401(k) Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 9 - Related Party Transactions and Party-In-Interest Transactions

Certain plan investments are units of pooled separate accounts and a guaranteed interest account managed by Principal Life Insurance Company. Principal Life Insurance Company is custodian and; therefore, these transactions qualify as party-in-interest transactions.

Fees paid by the Plan for recordkeeping services amounted to \$7,845 and \$5,342 for the years ended December 31, 2023 and 2022, respectively.

Note 10 - Delinquent Participant Contributions

During 2022, the plan sponsor inadvertently failed to deposit \$18,377 of participant deferrals within the required timeframe as stated by the United States Department of Labor regulations. The plan sponsor intends to reimburse the Plan for lost interest. The plan sponsor intends to file Form 5330 and intends to pay the applicable excise tax in 2024. The excise tax payments will be made from the plan sponsor's assets and not from assets of the Plan.

Note 11 - Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31, 2023:

Net assets available for benefits per the financial statements	\$ 4,099,352
Participant contributions receivable	(38,850)
Employer contributions receivable	<u>(12,751)</u>
Net Assets Available for Benefits per the Form 5500	<u>\$ 4,047,751</u>

The following is a reconciliation of contributions from participants and employer per the financial statements to the Form 5500 as of December 31, 2023:

Contributions from participants and employer per the financial statements	\$ 1,219,246
Contributions receivable from participants and employer per the financial statements	<u>(51,601)</u>
Contributions per the Form 5500	<u>\$ 1,167,645</u>

Note 12 - Subsequent Events

Plan management has evaluated subsequent events through October 9, 2024. This date is the date the financial statements were available to be issued. No material events subsequent to December 31, 2023 were noted.

Biomeme 401(k) Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 46-1268570, Plan Number 001

December 31, 2023

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(d) Cost	(e) Current Value
Registered Investment Companies				
	American Century Investments	Amer Century Emerg Mkts R6 Fd	**	\$ 373,417
	BlackRock	BlackRock Global Alloc K Fd	**	1,133
	Ivy Investment Management Co	Delaware Ivy Mid Cap Gr R6	**	122,678
	Dimensional Fund Advisors	DFA Social Fixed Income Portfolio	**	1,732
	Dimensional Fund Advisors	DFA US SUST CR 1 FD	**	3,612
	Janus International Holding, LLC	JanusHenderson Triton N	**	96,305
	Lord Abbett	Lord Abbett High Yield R6 Fund	**	192,351
	PIMCO Funds	PIMCO Intl Bond (USD-Hdg) I Fd	**	185,906
	TIAA Investments	TIAA-CREF SOC CH EQ I FUND	**	6,010
	Vanguard Group	Vanguard MidCap Val Idx Adm Fd	**	166,269
	Vanguard Group	Vanguard Sm Cap Val Idx Adm Fd	**	179,986
	Vanguard Group	Vanguard TI Stk Mkt Idx Adm Fd	**	211,691
	Vanguard Group	Vanguard Value Index Adm Fund	**	448,329
	Vanguard Group	Vgd Ttl Intl Stk Idx Adm Fd	**	408,335
	Western Asset Management Co.	Western Asset Cr Pls Bd IS Fd	**	247,837
				<u>2,645,591</u>
Insurance Company Pooled Separate Accounts				
*	Principal Life Insurance Company	Prin LargeCap Growth I SA-Z	**	415,034
*	Principal Life Insurance Company	Prin LgCp S&P 500 Index SA-Z	**	142,258
*	Principal Life Insurance Company	Prin MidCap S&P 400 Idx SA-Z	**	159,816
*	Principal Life Insurance Company	Prin SmCap S&P 600 Idx SA-Z	**	167,124
*	Principal Life Insurance Company	PRIN REAL ESTATE SECS SA-Z	**	4,028
				<u>888,260</u>
Insurance Company Guaranteed Interest Account				
	Principal Life Insurance Company	Insurance Company General Principal Guaranteed Option		<u>493,130</u>
*	Participant Loans	5.25% to 9.50%		<u>20,770</u>
Total Assets (Held at End of Year)				<u><u>\$ 4,047,751</u></u>

The above information has been certified by Principal Life Insurance Company and Principal Trust Company, the custodians, as complete and accurate.

* Represents a party-in-interest.

** Cost omitted for participant-directed investments.

Biomeme 401(k) Plan

Schedule H, Line 4a - Schedule of Delinquent Participant Contributions

EIN: 46-1268570, Plan Number 001

Year Ended December 31, 2023

Participant Contributions Transferred Late to Plan Check Here if Late Participant Loan Repayments are Included ☐	Total that Constitutes Prohibited Non-Exempt Transactions				Total Fully Corrected under VFCP and PTE 2002-51
	Contributions Not Corrected	Contributions Corrected Outside of VFCP	Contributions Pending Correction in VFCP		
\$ 18,377	\$ 18,377	\$ -	\$ -		\$ -

BIOMEME 401(K) PLAN

EIN 46-1268570

PN: 001

PY: 12/31/2023

The Schedule of Assets is included with the Auditor's Report which is attached to the 5500.

BIOMEME 401(K) PLAN

EIN 46-1268570

PN: 001

PY: 12/31/2023

The Schedule of Assets is included with the Auditor's Report which is attached to the 5500.