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

2022

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] 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:
- [X] 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
GENUS LIFESCIENES, INC 401K PROFIT SHARING PLAN

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 01/01/2007

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)
GENUS LIFESCIENCES INC.

514 N 12TH STREET
ALLENTOWN, PA 18102

2b Employer Identification Number (EIN) 25-1829410

2c Plan Sponsor's telephone number 610-782-9780

2d Business code (see instructions) 423800

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.	09/29/2023	LARRY DALESANDRO
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	09/29/2023	LARRY DALESANDRO
	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 [X] 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:	**4b**	EIN
a	Sponsor's name	**4d**	PN
c	Plan Name		
5	Total number of participants at the beginning of the plan year	**5**	160
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	**6a(1)**	116
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	115
b	Retired or separated participants receiving benefits	**6b**	0
c	Other retired or separated participants entitled to future benefits	**6c**	63
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	178
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f	Total. Add lines **6d** and **6e**.	**6f**	178
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	152
h	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	
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 2F 2G 2J 2T 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)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [X] 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)** [X] 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)** [X] **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

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [X] 1 **A** (Insurance Information)
- **(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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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

2022

This Form is Open to Public Inspection

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
GENUS LIFESCIENES, INC 401K PROFIT SHARING PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
GENUS LIFESCIENCES INC.

D Employer Identification Number (EIN)
25-1829410

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
VOYA RETIREMENT INSURANCE AND ANNUITY 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
71-0294708	86509				

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
34551	

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

BCG SECURITIES
51 HADDONFIELD ROAD
SUITE 210
CHERRY HILL, NJ 08002

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
34551			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	183845
5	Current value of plan's interest under this contract in separate accounts at year end	5	6144337

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)	
d	Total of balance and additions (add lines **7b** and **7c(6)**)			7d	
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)	
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	

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)**	
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)**	
(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)**	
(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 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

2022

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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
GENUS LIFESCIENES, INC 401K PROFIT SHARING PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
GENUS LIFESCIENCES INC.

D Employer Identification Number (EIN)
25-1829410

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)		
(2) Participant contributions	1b(2)		
(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)	162830	206830
(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)	6589383	6144338
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	495197	183845
(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(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	7247410	6535013
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 through1j)	1k		
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	7247410	6535013

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)	331822	
(B) Participants	2a(1)(B)	601623	
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		933445
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)	8231	
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		8231
(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)		
(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)		-1243024
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		-301348
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	405719	
(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)		405719
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	5330	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		5330
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		411049
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-712397
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) [X] 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) [X] 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: BAKER TILLY US, LLP **(2)** EIN: 39-0859910

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, 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.

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.)	4a	X		96884

		Yes	No	Amount
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.)	4b		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.)	4c		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.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		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?	4g		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?	4h		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.)	4i	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.)	4j		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?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		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.	4n			

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

2022

This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
GENUS LIFESCIENES, INC 401K PROFIT SHARING PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
GENUS LIFESCIENCES INC.

D Employer Identification Number (EIN)
25-1829410

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** |

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)	**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) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

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_____

Genus Lifesciences, Inc.
401K Profit Sharing Plan

Financial Statements and
Supplementary Information

December 31, 2022 and 2021

Genus Lifesciences, Inc. 401K Profit Sharing Plan

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December 31, 2022 and 2021

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Independent Auditors' Report

To the Participants and Plan Administrator of
Genus Lifesciences, Inc. 401K Profit Sharing Plan

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

We have performed audits of the financial statements of Genus Lifesciences, Inc. 401K Profit Sharing 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 statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 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 (DOL) 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, 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 9 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 Auditors' Responsibilities for the Audit of the Financial Statements section:

- 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 accounting principles generally accepted in the United States of America.

- the information in the 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 Auditors' 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.

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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 for one year after the date the financial statements are 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.

Auditors' 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 auditors' 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.
- 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 audits 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, Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions and Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year), are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL'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 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 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

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, is presented, in all material respects, in conformity with the DOL'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).

Baker Tilly US, LLP

Allentown, Pennsylvania
September 28, 2023

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	2022	2021
Assets		
Investments:		
At fair value	$ 6,144,338	$ 6,589,383
At contract value	183,845	495,197
Total investments	6,328,183	7,084,580
Receivables:		
Notes receivable from participants	206,830	162,830
Total receivables	206,830	162,830
Net assets available for benefits	$ 6,535,013	$ 7,247,410

See notes to financial statements

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2022

Additions	
Investment (loss):	
Net depreciation in fair value of investments	$ (1,243,024)
Interest income on notes receivable from participants	8,231
Contributions:	
Participants	601,623
Employer	331,822
Total contributions	933,445
Net additions	(301,348)
Deductions	
Benefits paid to participants	405,719
Administrative expenses	5,330
Total deductions	411,049
Net decrease	(712,397)
Net Assets Available for Benefits	
Beginning of year	7,247,410
End of year	$ 6,535,013

See notes to financial statements

1. Description of the Plan

The following description of the Genus Lifesciences, Inc. 401K Profit Sharing Plan (the Plan) provides only general information. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering all full-time employees of Genus Lifesciences, Inc. (the Company) who are age 21 or older. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The plan administrator is responsible for oversight of the Plan. The plan administrator determines the appropriateness of the Plan's investment offerings and monitors investment performance.

Contributions

Each year, participants may contribute up to 100% of pretax annual compensation, as defined in the plan document, up to the maximum limits of the Internal Revenue Code (IRC). Participants may designate all or a portion of their deferral contributions as after-tax contributions into a Roth account. 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 (rollover). The Company contributes a Safe Harbor match of 100% of the first 3% of base compensation that a participant contributes to the Plan and 50% of the next 2% of base compensation that a participant contributes to the Plan. In addition, the Company may make discretionary employer contributions to participants that are employed by the Company on December 31 and work a minimum of 1,000 hours, as deemed appropriate by the Company. No discretionary employer contributions were made in 2022. Participants direct the investment of all contributions into various investment options offered by the Plan. Contributions are subject to certain Internal Revenue Service (IRS) limitations.

Participant Accounts

Each participant's account is credited with the participant's contributions, the Company's Safe Harbor contribution and any discretionary employer contributions, as well as allocation of the Plan's earnings. Allocations are based on participant earnings, account balances or specific participant transactions, 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 vested immediately in their contributions and the Company's Safe Harbor contributions plus actual earnings thereon. Vesting in discretionary employer contributions will be based on years of credited services as follows:

Years of Service	Percentage
Less than 2	- %
2	20
3	40
4	60
5	80
6	100

Notes Receivable From Participants

Participants may borrow from their fund accounts a minimum of $1,000 up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account and bear interest at rates that range from 4.25% to 8.00% at December 31, 2022, which are commensurate with local prevailing rates at inception of the loan as determined quarterly by the plan administrator. Principal and interest is paid ratably through weekly payroll deductions. Terms range from one to five years or greater for the purchase of a primary residence.

Payment of Benefits

On termination of service due to death, disability, retirement or other reasons, a participant may receive a lump-sum distribution equal to the value of the participant's vested interest in their account. In addition, the Plan allows for hardship distributions if certain criteria are met.

Forfeited Accounts

At December 31, 2022 and 2021, there were no forfeited nonvested account balances. In a given Plan year when forfeitures do exist, they may be utilized by the Plan to either reduce employer contributions or pay Plan expenses.

2. Summary of Significant Accounting Policies

Basis of Accounting

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

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 disclosures of contingent assets and liabilities. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

Investments are reported at fair value (except for full 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. The plan administrator determines the Plan's valuation policies utilizing information provided by the investment advisor and trustees. See Note 3 for a 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. Net depreciation includes the 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. Related fees are charged directly to participants outside the Plan when they are incurred. Interest income is recorded on the accrual basis. No allowance for credit losses has been recorded as of December 31, 2022 and 2021.

Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net depreciation in fair value of investments.

Payment of Benefits

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events for recognition or disclosure through September 28, 2023, the date the financial statements were available to be issued.

The Secure 2.0 Act of 2022 was signed into law on December 29, 2022. This legislation includes a vast array of provisional changes to retirement plans, becoming effective in 2023 and beyond. Plan management is evaluating the impact of the adoption and implementation of this legislation on the Plan.

3. Fair Value Measurements

The framework for measuring fair value 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) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under authoritative guidance 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 other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- 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;
- 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 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 maximize the use of relevant observables and minimize the use of unobservable inputs.

Following is a description of the valuation methodology used for assets measured at fair value. There have been no changes in the methodology used at December 31, 2022 and 2021.

Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Pooled separate accounts are valued based upon the unit values of such pooled accounts held by the Plan at year-end. Unit values are based on the fair value of the underlying assets of the fund derived from inputs principally from or corroborated by observable market data by correlation or other means, although are not based upon quoted market prices in an active market. The underlying investments of the pooled separate accounts consist primarily of mutual funds, common stocks, and/or cash. The underlying mutual funds each follows a different investment strategy and the common stocks carry the market risks associated with investing in equity securities. Due to the nature of these pooled accounts, there are no unfunded commitments or redemption restrictions.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021:

	Assets at Fair Value as of December 31, 2022			
	Level 1	**Level 2**	**Level 3**	**Total**
Mutual funds	$ 2,142,390	$ -	$ -	$ 2,142,390
Pooled separate accounts	-	4,001,948	-	4,001,948
Total investments at fair value	$ 2,142,390	$ 4,001,948	$ -	$ 6,144,338

	Assets at Fair Value as of December 31, 2021			
	Level 1	**Level 2**	**Level 3**	**Total**
Mutual funds	$ 2,198,859	$ -	$ -	$ 2,198,859
Pooled separate accounts	-	4,390,524	-	4,390,524
Total investments at fair value	$ 2,198,859	$ 4,390,524	$ -	$ 6,589,383

4. Fully Benefit-Responsive Investment Contracts

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 contract value of the traditional investment contract amounted to $183,845 and $495,197 as of December 31, 2022 and 2021, respectively.

The traditional investment contract held by the Plan is a guaranteed annuity contract. The contract issuer is contractually obligated to repay the principal and interest at the specified interest rate that is guaranteed to the Plan. The crediting rate is based on a formula established by the contract issuer but may not be less than zero. 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.

Certain events might limit the ability of the Plan to transact at contract value with the contract issuer.

Such events include (1) amendments to the plan documents (including complete or partial plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the plan sponsor or other plan sponsor events (for example, divestitures or spinoffs of a subsidiary) that cause a significant withdrawal from the Plan, or (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA (5) premature termination of the contract.

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 contracts with the Plan and settle at an amount different from contract value. Such events include (1) an uncured violation of the Plan's investment guidelines, (2) a breach of material obligation under the contract, (3) a material misrepresentation, (4) a material amendment to the agreement without the consent of the issuer.

5. Related-Party and Party in Interest Transactions

Certain of the Plan's investments are managed by the trustee, and therefore, these transactions qualify as party in interest transactions. Fees incurred by the Plan for the investment manager services are included in net depreciation in the fair value of the investment, as they are paid through revenue sharing, rather than a direct payment. Additionally, the Plan issues loans to participants, which are secured by the participant's account balances. These transactions qualify as party in interest transactions.

Certain administrative functions of the Plan are performed by officers or employees of the Company. No such officer or employee receives compensation from the Plan.

6. Plan Termination

Although it has not expressed any intent to do so, the Company has the right 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 will become 100% vested in their Company discretionary contributions.

7. Tax Status

The Plan adopted a volume submitter plan offered by Odyssey Advisors, Inc. The volume submitter plan received an opinion letter dated November 30, 2020, that the Plan, and related trust are designed in accordance with the applicable sections of the IRC. The plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC, and therefore, believes that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

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. Market risks include global events which could impact the value of investment securities, such as a pandemic or international conflict. 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 Statements of Net Assets Available for Benefits.

As of December 31, 2022 and 2021, the Plan had investments of $3,100,147 and $3,424,941, respectively, that were concentrated in three funds.

9. Information Certified by Trustees

The plan administrator has elected the method of compliance as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA for 2022 and 2021. Accordingly, Voya Retirement Insurance and Annuity Company, the trustee of the Plan, has certified to the completeness and accuracy of all investments reported in the accompanying Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021, the supplemental Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2022 and the related investment activity reported in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022.

10. Delinquent Participant Contributions

For the years ended December 31, 2021 and 2020, the Company did not remit certain participant contributions to the Plan on a timely basis as defined by the Department of Labor's Rules and Regulations for Reporting and Delinquent Participant Contributions Disclosure under ERISA. Untimely remittances identified on the Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions totaled $13,020 and $23,397 for 2021 and 2020, respectively. As of December 31, 2021, the Company corrected such delinquent participant contributions for both years, including remitting any necessary lost earnings to participants.

For the year ended December 31, 2022, the Company did not remit certain participant contributions to the Plan on a timely basis as defined by the Department of Labor's Rules and Regulations for Reporting and Delinquent Participant Contributions Disclosure under ERISA. Untimely remittances identified on the Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions totaled $96,884 for 2022. As of December 31, 2022, the Company corrected such delinquent participant contributions; however, lost earnings were not remitted as of December 31, 2022, therefore, these contributions are considered uncorrected for regulatory purposes as of December 31, 2022. The Company fully corrected these delinquent participant contributions by remitting lost earnings in 2023.

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions
EIN: 25-1829410 Plan Number: 002
Year Ended December 31, 2022

	Participant Contributions Transferred Late to the Plan (1)	Total That Constitute Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP and PTE 2002-51
		Contributions not Corrected	Contributions Corrected Outside of VFCP	Contributions Pending Correction in VFCP	
2022	$ 96,884	$ 96,884	$ -	$ -	$ -
2021	$ 13,020	$ -	$ 13,020	$ -	$ -
2020	$ 23,397	$ -	$ 23,397	$ -	$ -

(1) Amount includes participant loan repayments.

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)
EIN: 25-1829410 Plan Number: 002
December 31, 2022

	(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
	Pooled Separate Accounts				
		Wilmington Trust	MyCompass Index Aggressive 2035 Fund	N/R	$ 6,372
		Wilmington Trust	MyCompass Index Aggressive 2045 Fund	N/R	12,811
		Wilmington Trust	MyCompass Index Aggressive 2055 Fund	N/R	2,028
		Wilmington Trust	MyCompass Index Aggressive 2065 Fund	N/R	86,925
		Wilmington Trust	MyCompass Index Conservative Retirement Fd	N/R	16,192
		Wilmington Trust	MyCompass Index Conservative 2035 Fund	N/R	2,923
		Wilmington Trust	MyCompass Index Conservative 2065 Fund	N/R	3,804
		Wilmington Trust	MyCompass Index Moderate 2025 Fund	N/R	1,139,450
		Wilmington Trust	MyCompass Index Moderate 2035 Fund	N/R	1,177,061
		Wilmington Trust	MyCompass Index Moderate 2045 Fund	N/R	783,636
		Wilmington Trust	MyCompass Index Moderate 2055 Fund	N/R	551,077
		Wilmington Trust	MyCompass Index Moderate 2065 Fund	N/R	4,472
		Wilmington Trust	MyCompass Index Moderate Retirement Fund	N/R	215,197
			Total pooled separate accounts		4,001,948
	Mutual Funds				
		American Century	Mid Cap Value Fund R6	N/R	89,177
		American Funds	American Balanced Fund R6	N/R	71,468
		American Funds	New Perspective Fund R6	N/R	71,491
		Columbia	Small Cap Growth Fund Instl 3	N/R	22,050
		Dimensional Fund Advisors	Real Estate Securities Portfolio Instl	N/R	53,150
		Dimensional Fund Advisors	Inflation-Protected Securities Portfolio - Inst Class	N/R	32,222
		Dimensional Fund Advisors	World ex U.S. Government Fixed Income Portfolio - Inst	N/R	6,318
		Fidelity Investments	500 Index Fund	N/R	316,968
		Fidelity Investments	International Index Fund	N/R	74,235
		Fidelity Investments	Mid Cap Index Fund	N/R	93,507
		Fidelity Investments	Small Cap Index Fund	N/R	47,995
		Fidelity Investments	US Bond Index	N/R	19,839
		First Eagle	Gold Fund Class R6	N/R	35,123
		Franklin	DynaTech Fund Class R6	N/R	9,313
		Janus Henderson	Global Equity Income Fund Class N	N/R	8,270
		JPMorgan	Emerging Markets Equity Fund Class R6	N/R	22,736
		Lord Abbett	Growth Leaders Fund R6	N/R	29
		Neuberger Berman	Mid Cap Growth Fund Class R6	N/R	33,302
		PIMCO	Income Fund Instl	N/R	26,941
		PIMCO	CommodityRealReturn Strategy Fund	N/R	356,579
		PGIM	High Yield Fund Class R6	N/R	36,336
		T. Rowe Price	Price Blue Chip Growth Fund I	N/R	329,521
		Vanguard	International Growth Fund Admiral	N/R	21,047
		Vanguard	Small-Cap Value Index Fund Admiral	N/R	80,449
		Vanguard	Value Index Fund Admiral	N/R	255,484
		Western Asset	Core Plus Bond Fund - Class IS	N/R	28,840
			Total mutual funds		2,142,390
	Fully Benefit-Responsive Investment Contract				
*		Voya	Guaranteed investment contract	N/R	183,845
			Total investments at fair value		6,328,183
*	**Participant Loans**		Interest rates: 4.25% - 8.00%	$0	206,830
					$ 6,535,013

* A party in interest as defined by ERISA
N/R - cost omitted for participant directed investments

Form 5500	Annual Return/Report of Employee Benefit Plan	OMB Nos. 1210-0110 1210-0089
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**2022** **This Form is Open to Public Inspection**

Part I Annual Report Identification Information

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [x] 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:
- [x] 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
Genus LIfescienes, Inc 401K Profit Sharing Plan

1b Three-digit plan number (PN) ▸ 002

1c Effective date of plan 01/01/2007

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)
Genus Lifesciences Inc.

514 N 12th Street

Allentown, PA 18102

2b Employer Identification Number (EIN) 25-1829410

2c Plan Sponsor's telephone number (610) 782-9780

2d Business code (see instructions) 423800

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	[signature]	09/29/23	Larry Dalesandro
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	[signature]	09/29/23	Larry Dalesandro
	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.

3a Plan administrator's name and address [X] 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**	160
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	**6a(1)**	116
a(2) Total number of active participants at the end of the plan year	**6a(2)**	115
b Retired or separated participants receiving benefits	**6b**	0
c Other retired or separated participants entitled to future benefits	**6c**	63
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	178
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	0
f Total. Add lines **6d** and **6e**	**6f**	178
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	152
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	
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 2F 2G 2J 2T 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)		**9b** Plan benefit arrangement (check all that apply)	
(1) [X]	Insurance	(1) [ ]	Insurance
(2) [ ]	Code section 412(e)(3) insurance contracts	(2) [ ]	Code section 412(e)(3) insurance contracts
(3) [X]	Trust	(3) [X]	Trust
(4) [ ]	General assets of the sponsor	(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		**b General Schedules**		
(1) [X]	**R** (Retirement Plan Information)	(1) [X]	**H** (Financial Information)	
(2) [ ]	**MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) [ ]	**I** (Financial Information – Small Plan)	
		(3) [X]	**A** (Insurance Information)	1
		(4) [ ]	**C** (Service Provider Information)	
(3) [ ]	**SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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 _____

Genus Lifesciences, Inc.
401K Profit Sharing Plan

Financial Statements and
Supplementary Information

December 31, 2022 and 2021

Genus Lifesciences, Inc. 401K Profit Sharing Plan

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December 31, 2022 and 2021

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Independent Auditors' Report

To the Participants and Plan Administrator of
Genus Lifesciences, Inc. 401K Profit Sharing Plan

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

We have performed audits of the financial statements of Genus Lifesciences, Inc. 401K Profit Sharing 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 statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 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 (DOL) 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, 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 9 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 Auditors' Responsibilities for the Audit of the Financial Statements section:

- 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 accounting principles generally accepted in the United States of America.

- the information in the 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 Auditors' 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.

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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 for one year after the date the financial statements are 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.

Auditors' 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 auditors' 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.
- 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 audits 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, Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions and Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year), are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL'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 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 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

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, is presented, in all material respects, in conformity with the DOL'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).

Baker Tilly US, LLP

Allentown, Pennsylvania
September 28, 2023

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	2022	2021
Assets		
Investments:		
At fair value	$ 6,144,338	$ 6,589,383
At contract value	183,845	495,197
Total investments	6,328,183	7,084,580
Receivables:		
Notes receivable from participants	206,830	162,830
Total receivables	206,830	162,830
Net assets available for benefits	$ 6,535,013	$ 7,247,410

See notes to financial statements

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2022

Additions	
Investment (loss):	
Net depreciation in fair value of investments	$ (1,243,024)
Interest income on notes receivable from participants	8,231
Contributions:	
Participants	601,623
Employer	331,822
Total contributions	933,445
Net additions	(301,348)
Deductions	
Benefits paid to participants	405,719
Administrative expenses	5,330
Total deductions	411,049
Net decrease	(712,397)
Net Assets Available for Benefits	
Beginning of year	7,247,410
End of year	$ 6,535,013

See notes to financial statements

1. Description of the Plan

The following description of the Genus Lifesciences, Inc. 401K Profit Sharing Plan (the Plan) provides only general information. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering all full-time employees of Genus Lifesciences, Inc. (the Company) who are age 21 or older. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The plan administrator is responsible for oversight of the Plan. The plan administrator determines the appropriateness of the Plan's investment offerings and monitors investment performance.

Contributions

Each year, participants may contribute up to 100% of pretax annual compensation, as defined in the plan document, up to the maximum limits of the Internal Revenue Code (IRC). Participants may designate all or a portion of their deferral contributions as after-tax contributions into a Roth account. 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 (rollover). The Company contributes a Safe Harbor match of 100% of the first 3% of base compensation that a participant contributes to the Plan and 50% of the next 2% of base compensation that a participant contributes to the Plan. In addition, the Company may make discretionary employer contributions to participants that are employed by the Company on December 31 and work a minimum of 1,000 hours, as deemed appropriate by the Company. No discretionary employer contributions were made in 2022. Participants direct the investment of all contributions into various investment options offered by the Plan. Contributions are subject to certain Internal Revenue Service (IRS) limitations.

Participant Accounts

Each participant's account is credited with the participant's contributions, the Company's Safe Harbor contribution and any discretionary employer contributions, as well as allocation of the Plan's earnings. Allocations are based on participant earnings, account balances or specific participant transactions, 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 vested immediately in their contributions and the Company's Safe Harbor contributions plus actual earnings thereon. Vesting in discretionary employer contributions will be based on years of credited services as follows:

Years of Service	Percentage
Less than 2	- %
2	20
3	40
4	60
5	80
6	100

Notes Receivable From Participants

Participants may borrow from their fund accounts a minimum of $1,000 up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account and bear interest at rates that range from 4.25% to 8.00% at December 31, 2022, which are commensurate with local prevailing rates at inception of the loan as determined quarterly by the plan administrator. Principal and interest is paid ratably through weekly payroll deductions. Terms range from one to five years or greater for the purchase of a primary residence.

Payment of Benefits

On termination of service due to death, disability, retirement or other reasons, a participant may receive a lump-sum distribution equal to the value of the participant's vested interest in their account. In addition, the Plan allows for hardship distributions if certain criteria are met.

Forfeited Accounts

At December 31, 2022 and 2021, there were no forfeited nonvested account balances. In a given Plan year when forfeitures do exist, they may be utilized by the Plan to either reduce employer contributions or pay Plan expenses.

2. Summary of Significant Accounting Policies

Basis of Accounting

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

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 disclosures of contingent assets and liabilities. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

Investments are reported at fair value (except for full 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. The plan administrator determines the Plan's valuation policies utilizing information provided by the investment advisor and trustees. See Note 3 for a 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. Net depreciation includes the 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. Related fees are charged directly to participants outside the Plan when they are incurred. Interest income is recorded on the accrual basis. No allowance for credit losses has been recorded as of December 31, 2022 and 2021.

Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net depreciation in fair value of investments.

Payment of Benefits

Benefits are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events for recognition or disclosure through September 28, 2023, the date the financial statements were available to be issued.

The Secure 2.0 Act of 2022 was signed into law on December 29, 2022. This legislation includes a vast array of provisional changes to retirement plans, becoming effective in 2023 and beyond. Plan management is evaluating the impact of the adoption and implementation of this legislation on the Plan.

3. Fair Value Measurements

The framework for measuring fair value 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) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under authoritative guidance 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 other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- 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;
- 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 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 maximize the use of relevant observables and minimize the use of unobservable inputs.

Following is a description of the valuation methodology used for assets measured at fair value. There have been no changes in the methodology used at December 31, 2022 and 2021.

Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the U.S. Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Pooled separate accounts are valued based upon the unit values of such pooled accounts held by the Plan at year-end. Unit values are based on the fair value of the underlying assets of the fund derived from inputs principally from or corroborated by observable market data by correlation or other means, although are not based upon quoted market prices in an active market. The underlying investments of the pooled separate accounts consist primarily of mutual funds, common stocks, and/or cash. The underlying mutual funds each follows a different investment strategy and the common stocks carry the market risks associated with investing in equity securities. Due to the nature of these pooled accounts, there are no unfunded commitments or redemption restrictions.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021:

	Assets at Fair Value as of December 31, 2022			
	Level 1	**Level 2**	**Level 3**	**Total**
Mutual funds	$ 2,142,390	$ -	$ -	$ 2,142,390
Pooled separate accounts	-	4,001,948	-	4,001,948
Total investments at fair value	$ 2,142,390	$ 4,001,948	$ -	$ 6,144,338

	Assets at Fair Value as of December 31, 2021			
	Level 1	**Level 2**	**Level 3**	**Total**
Mutual funds	$ 2,198,859	$ -	$ -	$ 2,198,859
Pooled separate accounts	-	4,390,524	-	4,390,524
Total investments at fair value	$ 2,198,859	$ 4,390,524	$ -	$ 6,589,383

4. Fully Benefit-Responsive Investment Contracts

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 contract value of the traditional investment contract amounted to $183,845 and $495,197 as of December 31, 2022 and 2021, respectively.

The traditional investment contract held by the Plan is a guaranteed annuity contract. The contract issuer is contractually obligated to repay the principal and interest at the specified interest rate that is guaranteed to the Plan. The crediting rate is based on a formula established by the contract issuer but may not be less than zero. 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.

Certain events might limit the ability of the Plan to transact at contract value with the contract issuer.

Such events include (1) amendments to the plan documents (including complete or partial plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the plan sponsor or other plan sponsor events (for example, divestitures or spinoffs of a subsidiary) that cause a significant withdrawal from the Plan, or (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA (5) premature termination of the contract.

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 contracts with the Plan and settle at an amount different from contract value. Such events include (1) an uncured violation of the Plan's investment guidelines, (2) a breach of material obligation under the contract, (3) a material misrepresentation, (4) a material amendment to the agreement without the consent of the issuer.

5. Related-Party and Party in Interest Transactions

Certain of the Plan's investments are managed by the trustee, and therefore, these transactions qualify as party in interest transactions. Fees incurred by the Plan for the investment manager services are included in net depreciation in the fair value of the investment, as they are paid through revenue sharing, rather than a direct payment. Additionally, the Plan issues loans to participants, which are secured by the participant's account balances. These transactions qualify as party in interest transactions.

Certain administrative functions of the Plan are performed by officers or employees of the Company. No such officer or employee receives compensation from the Plan.

6. Plan Termination

Although it has not expressed any intent to do so, the Company has the right 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 will become 100% vested in their Company discretionary contributions.

7. Tax Status

The Plan adopted a volume submitter plan offered by Odyssey Advisors, Inc. The volume submitter plan received an opinion letter dated November 30, 2020, that the Plan, and related trust are designed in accordance with the applicable sections of the IRC. The plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC, and therefore, believes that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

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. Market risks include global events which could impact the value of investment securities, such as a pandemic or international conflict. 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 Statements of Net Assets Available for Benefits.

As of December 31, 2022 and 2021, the Plan had investments of $3,100,147 and $3,424,941, respectively, that were concentrated in three funds.

9. Information Certified by Trustees

The plan administrator has elected the method of compliance as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA for 2022 and 2021. Accordingly, Voya Retirement Insurance and Annuity Company, the trustee of the Plan, has certified to the completeness and accuracy of all investments reported in the accompanying Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021, the supplemental Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2022 and the related investment activity reported in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022.

10. Delinquent Participant Contributions

For the years ended December 31, 2021 and 2020, the Company did not remit certain participant contributions to the Plan on a timely basis as defined by the Department of Labor's Rules and Regulations for Reporting and Delinquent Participant Contributions Disclosure under ERISA. Untimely remittances identified on the Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions totaled $13,020 and $23,397 for 2021 and 2020, respectively. As of December 31, 2021, the Company corrected such delinquent participant contributions for both years, including remitting any necessary lost earnings to participants.

For the year ended December 31, 2022, the Company did not remit certain participant contributions to the Plan on a timely basis as defined by the Department of Labor's Rules and Regulations for Reporting and Delinquent Participant Contributions Disclosure under ERISA. Untimely remittances identified on the Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions totaled $96,884 for 2022. As of December 31, 2022, the Company corrected such delinquent participant contributions; however, lost earnings were not remitted as of December 31, 2022, therefore, these contributions are considered uncorrected for regulatory purposes as of December 31, 2022. The Company fully corrected these delinquent participant contributions by remitting lost earnings in 2023.

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Schedule H, Line 4(a) - Schedule of Delinquent Participant Contributions
EIN: 25-1829410 Plan Number: 002
Year Ended December 31, 2022

	Participant Contributions Transferred Late to the Plan (1)	Total That Constitute Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP and PTE 2002-51
		Contributions not Corrected	Contributions Corrected Outside of VFCP	Contributions Pending Correction in VFCP	
2022	$ 96,884	$ 96,884	$ -	$ -	$ -
2021	$ 13,020	$ -	$ 13,020	$ -	$ -
2020	$ 23,397	$ -	$ 23,397	$ -	$ -

(1) Amount includes participant loan repayments.

Genus Lifesciences, Inc. 401K Profit Sharing Plan

Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)
EIN: 25-1829410 Plan Number: 002
December 31, 2022

	(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
	Pooled Separate Accounts				
		Wilmington Trust	MyCompass Index Aggressive 2035 Fund	N/R	$ 6,372
		Wilmington Trust	MyCompass Index Aggressive 2045 Fund	N/R	12,811
		Wilmington Trust	MyCompass Index Aggressive 2055 Fund	N/R	2,028
		Wilmington Trust	MyCompass Index Aggressive 2065 Fund	N/R	86,925
		Wilmington Trust	MyCompass Index Conservative Retirement Fd	N/R	16,192
		Wilmington Trust	MyCompass Index Conservative 2035 Fund	N/R	2,923
		Wilmington Trust	MyCompass Index Conservative 2065 Fund	N/R	3,804
		Wilmington Trust	MyCompass Index Moderate 2025 Fund	N/R	1,139,450
		Wilmington Trust	MyCompass Index Moderate 2035 Fund	N/R	1,177,061
		Wilmington Trust	MyCompass Index Moderate 2045 Fund	N/R	783,636
		Wilmington Trust	MyCompass Index Moderate 2055 Fund	N/R	551,077
		Wilmington Trust	MyCompass Index Moderate 2065 Fund	N/R	4,472
		Wilmington Trust	MyCompass Index Moderate Retirement Fund	N/R	215,197
			Total pooled separate accounts		4,001,948
	Mutual Funds				
		American Century	Mid Cap Value Fund R6	N/R	89,177
		American Funds	American Balanced Fund R6	N/R	71,468
		American Funds	New Perspective Fund R6	N/R	71,491
		Columbia	Small Cap Growth Fund Instl 3	N/R	22,050
		Dimensional Fund Advisors	Real Estate Securities Portfolio Instl	N/R	53,150
		Dimensional Fund Advisors	Inflation-Protected Securities Portfolio - Inst Class	N/R	32,222
		Dimensional Fund Advisors	World ex U.S. Government Fixed Income Portfolio - Inst	N/R	6,318
		Fidelity Investments	500 Index Fund	N/R	316,968
		Fidelity Investments	International Index Fund	N/R	74,235
		Fidelity Investments	Mid Cap Index Fund	N/R	93,507
		Fidelity Investments	Small Cap Index Fund	N/R	47,995
		Fidelity Investments	US Bond Index	N/R	19,839
		First Eagle	Gold Fund Class R6	N/R	35,123
		Franklin	DynaTech Fund Class R6	N/R	9,313
		Janus Henderson	Global Equity Income Fund Class N	N/R	8,270
		JPMorgan	Emerging Markets Equity Fund Class R6	N/R	22,736
		Lord Abbett	Growth Leaders Fund R6	N/R	29
		Neuberger Berman	Mid Cap Growth Fund Class R6	N/R	33,302
		PIMCO	Income Fund Instl	N/R	26,941
		PIMCO	CommodityRealReturn Strategy Fund	N/R	356,579
		PGIM	High Yield Fund Class R6	N/R	36,336
		T. Rowe Price	Price Blue Chip Growth Fund I	N/R	329,521
		Vanguard	International Growth Fund Admiral	N/R	21,047
		Vanguard	Small-Cap Value Index Fund Admiral	N/R	80,449
		Vanguard	Value Index Fund Admiral	N/R	255,484
		Western Asset	Core Plus Bond Fund - Class IS	N/R	28,840
			Total mutual funds		2,142,390
	Fully Benefit-Responsive Investment Contract				
*		Voya	Guaranteed investment contract	N/R	183,845
			Total investments at fair value		6,328,183
*	**Participant Loans**		Interest rates: 4.25% - 8.00%	$0	206,830
					$ 6,535,013

* A party in interest as defined by ERISA
N/R - cost omitted for participant directed investments