

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

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

Part II	Basic Plan Information—enter all requested information
1a	Name of plan TWINSTRAND BIOSCIENCES 401(K) PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 06/12/2018
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) TWINSTRAND BIOSCIENCES 3131 ELLIOTT AVE 750 SEATTLE, WA 98121
2b	Employer Identification Number (EIN) 81-1085293
2c	Plan Sponsor's telephone number 206-202-8946
2d	Business code (see instructions) 541700

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.	09/18/2024	QIAN LIU
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☐ Same as Plan Sponsor GUIDELINE, INC. 1412 CHAPIN AVENUE BURLINGAME, CA 94010	3b Administrator's EIN 47-4474775 3c Administrator's telephone number 888-228-3491
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	5 131
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1) 66 6a(2) 51 6b 0 6c 51 6d 102 6e 0 6f 102 6g(1) 130 6g(2) 100 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7

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

2E 2F 2G 2J 2K 2S 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) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
---	---

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

a Pension Schedules

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

b General Schedules

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

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

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

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

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

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

Receipt Confirmation Code _____

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

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

A Name of plan TWINSTRAND BIOSCIENCES 401(K) PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 TWINSTRAND BIOSCIENCES	D Employer Identification Number (EIN) 81-1085293

Part I

Service Provider Information (see instructions)

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

1

Information on Persons Receiving Only Eligible Indirect Compensation

- a

Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).....

No

Yes

☒
- b

If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b)

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

(b)

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

(b)

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

(b)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TWINSTRAND BIOSCIENCES 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 TWINSTRAND BIOSCIENCES		
		D Employer Identification Number (EIN) 81-1085293

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	3548	12529
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)	1	0
(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)	4596	
(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)	2952890	3836991
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	2961035	3849520
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	2961035	3849520

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)	238736	
(B) Participants	2a(1)(B)	829213	
(C) Others (including rollovers)	2a(1)(C)	59209	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1127158
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	171	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		171
(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)	89434	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		89434
(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)		477734
c Other income	2c		-143
d Total income. Add all income amounts in column (b) and enter total	2d		1694354

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	800149	
(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)		800149
f Corrective distributions (see instructions)	2f		817
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Recordkeeping fees.....	2i(3)	2276	
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)	2627	
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	0	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		4903
j Total expenses. Add all expense amounts in column (b) and enter total	2j		805869

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		888485
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: **KBF CPAS LLP**

(2) EIN: **82-1030164**

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

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

Part IV Compliance Questions

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

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	☒	☐	895
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	☐	☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	☐	☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	☐	☒	0
e Was this plan covered by a fidelity bond?	☒	☐	705050000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	☐	☒	0
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	☐	☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	☐	☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒	☐	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	☐	☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐	☒	
l Has the plan failed to provide any benefit when due under the plan?	☐	☒	0
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	☐	☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	☐	☐	

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

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

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

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

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

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

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TWINSTRAND BIOSCIENCES 401(K) PLAN	B Three-digit plan number (PN) 001	
C Plan sponsor's name as shown on line 2a of Form 5500 TWINSTRAND BIOSCIENCES	D Employer Identification Number (EIN) 81-1085293	

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

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 04-3581074 Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.	
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3

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

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? If the plan is a defined benefit plan, go to line 8.	☐ Yes ☐ No ☐ N/A						
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) b Enter the amount contributed by the employer to the plan for this plan year c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) If you completed line 6c, skip lines 8 and 9.	<table><tr><td>6a</td><td></td></tr><tr><td>6b</td><td></td></tr><tr><td>6c</td><td></td></tr></table>	6a		6b		6c	
6a							
6b							
6c							
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? 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 ☐ 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) and (b):	
a Enter the percentage of plan assets held as: Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____% High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%	
b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.	
a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No	
b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:	
☐ Yes.	
☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.	
☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.	
☐ No. Other. Provide explanation. _____	

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

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No	
21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).	
☐ Design-based safe harbor method	
☐ "Prior year" ADP test	
☒ "Current year" ADP test	
☐ N/A	
22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter <u>11 / 18 / 2020</u> (MM/DD/YYYY) and the Opinion Letter serial number <u>Q704210A</u> .	

TWINSTRAND BIOSCIENCES

401(K) PLAN

Financial Statements and Supplemental Schedules
December 31, 2023 and 2022

With Independent Auditor's Report

**TWINSTRAND BIOSCIENCES 401(K) PLAN
FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULES
DECEMBER 31, 2023 AND 2022**

TABLE OF CONTENTS

Independent Auditor’s Report	1
Statements of Net Assets Available for Benefits As of December 31, 2023 and 2022	5
Statement of Changes in Net Assets Available for Benefits For The Year Ended December 31, 2023	6
Notes to Financial Statements	7
<u>Supplemental Schedules</u>	
Schedule H, Line 4i - Schedule of Assets (Held at End of Year) As of December 31, 2023	13
Schedule H, Line 4a - Schedule of Delinquent Participant Contributions For the Year Ended December 31, 2023	14



Independent Auditor's Report

To the Plan Administrator and Participants of
Twinstrand Biosciences 401(k) Plan:

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

We have performed an audit of the financial statements of Twinstrand Biosciences 401(k) 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, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, and the related notes to the financial statements.

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

Management has obtained certifications from a qualified institution as of December 31, 2023 and 2022 and for the year ended December 31, 2023, stating that the certified investment information, as described in Note 6 to the financial statements, is complete and accurate.

Opinion

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

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

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the financial statements section of our report. We are required to be independent of Twinstrand Biosciences 401(k) Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

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

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Twinstrand Biosciences 401(k) Plan's ability to continue as a going concern for one year after the date that 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users made on the basis of these 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 Twinstrand Biosciences 401(k) 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 Twinstrand Biosciences 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

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

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 GAAP.

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

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

In our opinion

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedule 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).

KBF CPAs LLP

KBF CPAs LLP
Lake Oswego, Oregon

August 27, 2024

TWINSTRAND BIOSCIENCES 401(K) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
AS OF DECEMBER 31, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
Assets:		
Investments, at fair value:		
Money market fund	\$ 42,561	\$ 40,164
Mutual funds	<u>3,794,430</u>	<u>2,912,727</u>
Total investments	3,836,991	2,952,891
Non-interest bearing cash	12,529	3,548
Receivables:		
Participant contributions	30,364	30,020
Employer contributions	8,911	9,343
Notes receivable from participants	<u>-</u>	<u>4,596</u>
Total receivables	<u>39,275</u>	<u>43,959</u>
Net assets available for benefits	<u><u>\$ 3,888,795</u></u>	<u><u>\$ 3,000,398</u></u>

See accompanying independent auditor's report and notes to the financial statements.

TWINSTRAND BIOSCIENCES 401(K) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEAR ENDED DECEMBER 31, 2023

	<u>2023</u>
Additions:	
Investment income:	
Dividends and interest	\$ 89,434
Net appreciation in fair value of investments	<u>477,734</u>
Total investment income	567,168
Interest on notes receivable from participants	171
Other expense	(143)
Contributions:	
Participant contributions	829,557
Employer contributions	238,304
Rollover contributions	<u>59,209</u>
Total contributions	<u>1,127,070</u>
Total additions	1,694,266
Deductions:	
Benefits paid to participants	800,966
Administrative expenses	<u>4,903</u>
Total deductions	<u>805,869</u>
Net increase	888,397
Net assets available for benefits:	
Beginning of the year	<u>3,000,398</u>
End of the year	<u><u>\$ 3,888,795</u></u>

See accompanying independent auditor's report and notes to the financial statements.

TWINSTRAND BIOSCIENCES 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

1. Description of Plan

The following description of the Twinstrand Biosciences 401(k) Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

a. General

The Plan is a defined contribution savings and profit-sharing plan established June 12, 2018 by Twinstrand Biosciences (the "Company") under the provisions of Section 401(a) of the Internal Revenue Code ("IRC"), which includes a qualified cash or deferred arrangement as described in Section 401(k) of the IRC, for the benefit of eligible employees of the Company. The Plan is administered by the Company. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended.

b. Eligibility

Employees of the Company are eligible to participate in the Plan upon employment (except union employees, nonresident aliens, and leased employees). Participants are required to be at least 21 years old to participate in the Plan.

c. Participant Contributions

Unless an eligible employee affirmatively elects otherwise, the employee is automatically enrolled in the Plan at a deferral rate of 4% with no automatic escalation scheme. Participants that make their contribution election may defer up to 100% of their eligible compensation, limited by requirements of the IRC. Upon reaching the age of 50, eligible employees may make additional catch-up contributions as allowed by the IRC. Participants may also roll over amounts representing distributions from other qualified defined benefit or defined contribution plans into the Plan.

d. Employer Contributions

The Company makes matching employer contributions equal to 50% of the first 6% of eligible compensation deferred by participants. The Company may also make employer nonelective contributions to the Plan at the discretion of the Company's board of directors, subject to the limits of the IRC. No additional nonelective contributions were made during 2023.

e. Participant Accounts

Individual accounts are maintained for each of the Plan's participants to reflect the participant's contributions, the Company's contributions, and an allocation of the Plan's earnings and expenses. Participants can direct their account into a variety of investments offered by Benefit Trust Company. The benefit to which a participant is currently entitled is the benefit that can be provided from the participant's vested account.

f. Vesting

Participants are fully vested at all times in the portion of their accounts attributable to their own contributions, employer matching, nonelective contributions, and earnings thereon.

g. Payment of Benefits

Upon reaching retirement age, termination of service or death, a participant or beneficiary may be paid a lump-sum amount equal to the participant's vested account balance.

h. Hardship Withdrawals

Upon certain conditions, participants, while still employed by the Company, are permitted to withdraw, in a single sum, a portion of their account balance as a result of an immediate and heavy financial need, subject to a minimum withdrawal of \$1,000. These conditions include unreimbursed medical expenses, the purchase of the participant's principal residence, the payment of post-secondary education tuition, the payment of burial or funeral costs of immediate family members, the payment of natural disaster clean-up on the participant's principal residence or to prevent eviction or foreclosure from the participant's principal residence.

i. Notes Receivable from Participants

Participants may borrow the lesser of \$50,000 or 50% of their vested account balance, subject to a \$1,000 minimum and certain other restrictions. Loans are secured by the vested account balance of the participant. Loans are repayable through payroll deductions over periods ranging up to five years, unless the loan is used to acquire a principal residence, in which case the loan term may be for a period of ten years. The interest rate on participant loans is the Wall Street Journal Prime Rate plus 1% and is fixed at the inception of the loan. There were no loans outstanding at December 31, 2023.

j. Forfeitures

The forfeited accounts of non-vested terminated participants may be used to pay administrative expenses of the Plan or to reduce future Company contributions. For the year ended December 31, 2023, there was approximately \$3,500 in forfeitures utilized to reduce employer matching contributions. There were no forfeitures available to reduce future Company contributions or to pay administrative expenses at December 31, 2023 and 2022.

2. Summary of Significant Accounting Policies

a. Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("GAAP").

b. Use of Estimates

The preparation of the financial statements in conformity with GAAP requires management of the Plan to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

c. Investment Valuation and Income Recognition

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for a discussion of fair value measurements.

Net appreciation in fair value of investments consists of the net change in unrealized gains or losses during the year and the realized gain or loss on investments sold during the year. Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis and dividends are recorded on the ex-dividend date.

d. Notes Receivable From Participants

Notes receivable from participants are recorded at their unpaid principal balance plus any accrued but unpaid interest. Delinquent notes receivable from participants may be treated as a distribution based on the terms of the Plan document.

e. Payment of Benefits

Benefits are recorded when paid.

f. Expenses

Administrative costs, including trustee, recordkeeping, legal and accounting fees, are paid by the Company. Direct expenses totaling approximately \$5,000 were paid by the Plan during 2023 representing transactional fees incurred and allocated to specific participants. Certain expenses are included in the transaction prices of investments bought and sold and cannot be separately quantified.

3. Investments

Plan investment assets are held by Benefit Trust Company. Participants can direct their accounts among various mutual funds and a money market fund.

4. Fair Value Measurements

Accounting Standards Codification ("ASC") 820 establishes a framework for fair value measurement, which provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

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

Level 2 – Inputs to the valuation methodology include:

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

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

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

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

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

Money market and mutual funds: Valued at fair value based on quoted market prices at year end.

The following table sets forth by level within the fair value hierarchy, the Plan's investment assets at fair value as of December 31, 2023:

	Investments at Fair Value			
	Level 1	Level 2	Level 3	Total
Money market fund	\$ 42,561	\$ -	\$ -	\$ 42,561
Mutual funds	3,794,430	-	-	3,794,430
Total investments	<u>\$ 3,836,991</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 3,836,991</u>

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

	Investments at Fair Value			
	Level 1	Level 2	Level 3	Total
Money market fund	\$ 40,164	\$ -	\$ -	\$ 40,164
Mutual funds	2,912,727	-	-	2,912,727
Total investments	<u>\$ 2,952,891</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,952,891</u>

5. Risks and Uncertainties

The Plan assets are invested in a variety of investments. Investment securities, in general, are exposed to various risks, such as interest rate, credit, foreign currency and overall market volatility risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits, and therefore participant account balances.

6. Information Certified by the Trustee

The Plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and

Disclosure under ERISA. The following information included in the financial statements and supplemental schedules was provided and certified by the trustee, Benefit Trust Company, as of December 31, 2023 and 2022 and for the year ended December 31, 2023, as complete and accurate.

- Investments, at fair value
- Notes receivable from participants
- Investment income
- Interest on participant notes receivable
- Schedule of assets (held at end of year)

7. Party-in-interest Transactions

Benefit Trust Company is the trustee as defined by the Plan. Certain investment fees are paid by the trustee and are reflected in the investment income or loss for the year. The Plan also issues loans to participants that are secured by the vested balance in the participants' accounts. As such, these transactions qualify as party-in-interest transactions, which are exempt from the prohibited transaction rules.

Additionally, the Plan sponsor, Twinstrand Biosciences, is a party-in-interest to the Plan. The transactions between the Plan and the Plan sponsor included funding of contributions to the Plan and payment of certain administrative expenses of the Plan, which are exempt transactions.

8. Tax Status

Effective January 6, 2022, the Plan was restated utilizing a Guideline Non-Standardized Defined Contribution Pre-Approved Plan Document. Guideline received an advisory letter from the Internal Revenue Service ("IRS") on November 18, 2020 in which the IRS stated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the advisory letter. However, management of the Plan believes the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, they believe that the Plan is qualified, and the related trust is tax exempt as of and for the year ended December 31, 2023.

Assuming it meets certain initial and ongoing requirements, the Plan is generally exempt from federal and state income taxes. However, GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2023, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements.

9. Plan Termination

Although it has not expressed any intention to do so, the Company may terminate the Plan at any time subject to the provisions of ERISA. In the event of Plan termination, participants will become fully vested in their accounts.

10. Subsequent Events

The Plan has evaluated subsequent events with respect to the Plan through August 27, 2024, the date the financial statements are available to be issued and concluded there are no material subsequent events that required recognition or additional disclosures in these financial statements.

11. Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits as reported on the Plan's financial statements to amounts reported on the Form 5500 at December 31:

	<u>2023</u>	<u>2022</u>
Net assets available for benefits reported on the financial statements	\$ 3,888,795	\$ 3,000,398
Contribution receivable not reported on the Form 5500	<u>(39,275)</u>	<u>(39,363)</u>
Net assets available for benefits reported on the Form 5500	<u><u>\$ 3,849,520</u></u>	<u><u>\$ 2,961,035</u></u>

The following is a reconciliation of the net change in net assets available for benefits as reported on the Plan's financial statements to amounts reported on the Form 5500 for the year ended December 31:

	<u>2023</u>
Net change in net assets available for benefits reported on the financial statements	\$ 888,397
Change in contribution receivable	<u>88</u>
Net change in net assets available for benefits reported on the Form 5500	<u><u>\$ 888,485</u></u>

12. Non-exempt Transactions

Certain participant contributions that occurred in 2021 and 2023 were identified as not remitted to the Plan by the Company within the time period required by the Department of Labor. These late remittances constitute prohibited transactions as defined by ERISA. Management remitted the lost earnings for the late contributions during 2023.

TWINSTRAND BIOSCIENCES 401(K) PLAN
SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AS OF DECEMBER 31, 2023

EIN # 81-1085293

PLAN#: 001

(a)	(b) Identity of Issuer, Borrower, Lessor or Similar Party	(c) Description of Investment	(d) Cost	(e) Current Value
		Money market fund:		
	Vanguard	Federal Money Market Fund	**	\$ 42,561
		Mutual funds:		
	Vanguard	Total Bond Market Index Fund Admiral Shares	**	611,214
	Vanguard	Short-Term Inflation-Protected Securities Index Fund	**	16,559
	Vanguard	Total International Bond Index Fund Admiral Shares	**	203,270
	Vanguard	Industrials Index Fund Admiral Shares	**	3
	Vanguard	FTSE Social Index Fund Admiral	**	25,012
	Vanguard	Small Cap Value Index Fund Admiral Shares	**	25,855
	Vanguard	Mid-Cap Value Index Fund Admiral Shares	**	2,826
	Vanguard	Global ex-U.S. Real Estate Index Fund Admiral Shares	**	2,889
	Vanguard	Utilities Index Fund Admiral Shares	**	3
	Vanguard	Communication Services Index Fund Admiral Shares	**	1,332
	Vanguard	Materials Index Fund Admiral Shares	**	3
	Vanguard	Information Technology Index Fund Admiral Shares	**	38,319
	Vanguard	Health Care Index Fund Admiral Shares	**	1,341
	Vanguard	Financials Index Fund Admiral Shares	**	4
	Vanguard	Energy Index Fund Admiral Shares	**	3
	Vanguard	Mid-Cap Index Fund Admiral Shares	**	15,738
	Vanguard	Growth Index Fund Admiral Shares	**	39,629
	Vanguard	Value Index Fund Admiral Shares	**	17,309
	Vanguard	Small-Cap Index Fund Admiral Shares	**	8,202
	Vanguard	Extended Market Index Fund Admiral Shares	**	8,834
	Vanguard	500 Index Fund Admiral Shares	**	33,833
	Vanguard	Total Stock Market Index Fund Admiral Shares	**	1,531,201
	Vanguard	Total International Stock Index Fund Admiral Shares	**	11
	Vanguard	Developed Markets Index Fund Admiral Shares	**	697,211
	Vanguard	Emerging Markets Stock Index Fund Admiral Shares	**	339,923
	Vanguard	Real Estate Index Fund Admiral Shares	**	173,906
		Total mutual funds		3,794,430
		Total investments		\$ 3,836,991

** The cost of participant-directed investments is not required to be disclosed.

See accompanying independent auditor's report and notes to the financial statements.

TWINSTRAND BIOSCIENCES 401(K) PLAN
SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
FOR THE YEAR ENDED DECEMBER 31, 2023

EIN # 81-1085293

PLAN#: 001

Participant Contributions Transferred Late to Plan	Total that Constitute Non-exempt Prohibited Transactions			Total Fully Corrected Under Voluntary Fiduciary Correction Program (VFCP) and Prohibited Transaction Exemption 2002-51
Check here if Late Participant Loan Repayments are included: <u> X </u>	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
-	-	\$ 895*	-	-

* Delinquent contributions from 2021 and 2023 corrected in 2023.

See accompanying independent auditor's report and notes to the financial statements.

TWINSTRAND BIOSCIENCES 401(K) PLAN

Financial Statements and Supplemental Schedules
December 31, 2023 and 2022

With Independent Auditor's Report

**TWINSTRAND BIOSCIENCES 401(K) PLAN
FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULES
DECEMBER 31, 2023 AND 2022**

TABLE OF CONTENTS

Independent Auditor’s Report	1
Statements of Net Assets Available for Benefits As of December 31, 2023 and 2022	5
Statement of Changes in Net Assets Available for Benefits For The Year Ended December 31, 2023	6
Notes to Financial Statements	7
<u>Supplemental Schedules</u>	
Schedule H, Line 4i - Schedule of Assets (Held at End of Year) As of December 31, 2023	13
Schedule H, Line 4a - Schedule of Delinquent Participant Contributions For the Year Ended December 31, 2023	14



Independent Auditor's Report

To the Plan Administrator and Participants of
Twinstrand Biosciences 401(k) Plan:

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

We have performed an audit of the financial statements of Twinstrand Biosciences 401(k) 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, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, and the related notes to the financial statements.

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

Management has obtained certifications from a qualified institution as of December 31, 2023 and 2022 and for the year ended December 31, 2023, stating that the certified investment information, as described in Note 6 to the financial statements, is complete and accurate.

Opinion

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

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

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the financial statements section of our report. We are required to be independent of Twinstrand Biosciences 401(k) Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

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

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Twinstrand Biosciences 401(k) Plan's ability to continue as a going concern for one year after the date that 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users made on the basis of these 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 Twinstrand Biosciences 401(k) 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 Twinstrand Biosciences 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

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

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 GAAP.

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

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

In our opinion

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedule 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).

KBF CPAs LLP

KBF CPAs LLP
Lake Oswego, Oregon

August 27, 2024

TWINSTRAND BIOSCIENCES 401(K) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
AS OF DECEMBER 31, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
Assets:		
Investments, at fair value:		
Money market fund	\$ 42,561	\$ 40,164
Mutual funds	<u>3,794,430</u>	<u>2,912,727</u>
Total investments	3,836,991	2,952,891
Non-interest bearing cash	12,529	3,548
Receivables:		
Participant contributions	30,364	30,020
Employer contributions	8,911	9,343
Notes receivable from participants	<u>-</u>	<u>4,596</u>
Total receivables	<u>39,275</u>	<u>43,959</u>
Net assets available for benefits	<u><u>\$ 3,888,795</u></u>	<u><u>\$ 3,000,398</u></u>

See accompanying independent auditor's report and notes to the financial statements.

TWINSTRAND BIOSCIENCES 401(K) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEAR ENDED DECEMBER 31, 2023

	<u>2023</u>
Additions:	
Investment income:	
Dividends and interest	\$ 89,434
Net appreciation in fair value of investments	<u>477,734</u>
Total investment income	567,168
Interest on notes receivable from participants	171
Other expense	(143)
Contributions:	
Participant contributions	829,557
Employer contributions	238,304
Rollover contributions	<u>59,209</u>
Total contributions	<u>1,127,070</u>
Total additions	1,694,266
Deductions:	
Benefits paid to participants	800,966
Administrative expenses	<u>4,903</u>
Total deductions	<u>805,869</u>
Net increase	888,397
Net assets available for benefits:	
Beginning of the year	<u>3,000,398</u>
End of the year	<u><u>\$ 3,888,795</u></u>

See accompanying independent auditor's report and notes to the financial statements.

TWINSTRAND BIOSCIENCES 401(K) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

1. Description of Plan

The following description of the Twinstrand Biosciences 401(k) Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

a. General

The Plan is a defined contribution savings and profit-sharing plan established June 12, 2018 by Twinstrand Biosciences (the "Company") under the provisions of Section 401(a) of the Internal Revenue Code ("IRC"), which includes a qualified cash or deferred arrangement as described in Section 401(k) of the IRC, for the benefit of eligible employees of the Company. The Plan is administered by the Company. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended.

b. Eligibility

Employees of the Company are eligible to participate in the Plan upon employment (except union employees, nonresident aliens, and leased employees). Participants are required to be at least 21 years old to participate in the Plan.

c. Participant Contributions

Unless an eligible employee affirmatively elects otherwise, the employee is automatically enrolled in the Plan at a deferral rate of 4% with no automatic escalation scheme. Participants that make their contribution election may defer up to 100% of their eligible compensation, limited by requirements of the IRC. Upon reaching the age of 50, eligible employees may make additional catch-up contributions as allowed by the IRC. Participants may also roll over amounts representing distributions from other qualified defined benefit or defined contribution plans into the Plan.

d. Employer Contributions

The Company makes matching employer contributions equal to 50% of the first 6% of eligible compensation deferred by participants. The Company may also make employer nonelective contributions to the Plan at the discretion of the Company's board of directors, subject to the limits of the IRC. No additional nonelective contributions were made during 2023.

e. Participant Accounts

Individual accounts are maintained for each of the Plan's participants to reflect the participant's contributions, the Company's contributions, and an allocation of the Plan's earnings and expenses. Participants can direct their account into a variety of investments offered by Benefit Trust Company. The benefit to which a participant is currently entitled is the benefit that can be provided from the participant's vested account.

f. Vesting

Participants are fully vested at all times in the portion of their accounts attributable to their own contributions, employer matching, nonelective contributions, and earnings thereon.

g. Payment of Benefits

Upon reaching retirement age, termination of service or death, a participant or beneficiary may be paid a lump-sum amount equal to the participant's vested account balance.

h. Hardship Withdrawals

Upon certain conditions, participants, while still employed by the Company, are permitted to withdraw, in a single sum, a portion of their account balance as a result of an immediate and heavy financial need, subject to a minimum withdrawal of \$1,000. These conditions include unreimbursed medical expenses, the purchase of the participant's principal residence, the payment of post-secondary education tuition, the payment of burial or funeral costs of immediate family members, the payment of natural disaster clean-up on the participant's principal residence or to prevent eviction or foreclosure from the participant's principal residence.

i. Notes Receivable from Participants

Participants may borrow the lesser of \$50,000 or 50% of their vested account balance, subject to a \$1,000 minimum and certain other restrictions. Loans are secured by the vested account balance of the participant. Loans are repayable through payroll deductions over periods ranging up to five years, unless the loan is used to acquire a principal residence, in which case the loan term may be for a period of ten years. The interest rate on participant loans is the Wall Street Journal Prime Rate plus 1% and is fixed at the inception of the loan. There were no loans outstanding at December 31, 2023.

j. Forfeitures

The forfeited accounts of non-vested terminated participants may be used to pay administrative expenses of the Plan or to reduce future Company contributions. For the year ended December 31, 2023, there was approximately \$3,500 in forfeitures utilized to reduce employer matching contributions. There were no forfeitures available to reduce future Company contributions or to pay administrative expenses at December 31, 2023 and 2022.

2. Summary of Significant Accounting Policies

a. Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("GAAP").

b. Use of Estimates

The preparation of the financial statements in conformity with GAAP requires management of the Plan to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

c. Investment Valuation and Income Recognition

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for a discussion of fair value measurements.

Net appreciation in fair value of investments consists of the net change in unrealized gains or losses during the year and the realized gain or loss on investments sold during the year. Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis and dividends are recorded on the ex-dividend date.

d. Notes Receivable From Participants

Notes receivable from participants are recorded at their unpaid principal balance plus any accrued but unpaid interest. Delinquent notes receivable from participants may be treated as a distribution based on the terms of the Plan document.

e. Payment of Benefits

Benefits are recorded when paid.

f. Expenses

Administrative costs, including trustee, recordkeeping, legal and accounting fees, are paid by the Company. Direct expenses totaling approximately \$5,000 were paid by the Plan during 2023 representing transactional fees incurred and allocated to specific participants. Certain expenses are included in the transaction prices of investments bought and sold and cannot be separately quantified.

3. Investments

Plan investment assets are held by Benefit Trust Company. Participants can direct their accounts among various mutual funds and a money market fund.

4. Fair Value Measurements

Accounting Standards Codification ("ASC") 820 establishes a framework for fair value measurement, which provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

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

Level 2 – Inputs to the valuation methodology include:

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

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

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

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

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

Money market and mutual funds: Valued at fair value based on quoted market prices at year end.

The following table sets forth by level within the fair value hierarchy, the Plan's investment assets at fair value as of December 31, 2023:

	Investments at Fair Value			
	Level 1	Level 2	Level 3	Total
Money market fund	\$ 42,561	\$ -	\$ -	\$ 42,561
Mutual funds	3,794,430	-	-	3,794,430
Total investments	<u>\$ 3,836,991</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 3,836,991</u>

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

	Investments at Fair Value			
	Level 1	Level 2	Level 3	Total
Money market fund	\$ 40,164	\$ -	\$ -	\$ 40,164
Mutual funds	2,912,727	-	-	2,912,727
Total investments	<u>\$ 2,952,891</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,952,891</u>

5. Risks and Uncertainties

The Plan assets are invested in a variety of investments. Investment securities, in general, are exposed to various risks, such as interest rate, credit, foreign currency and overall market volatility risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits, and therefore participant account balances.

6. Information Certified by the Trustee

The Plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and

Disclosure under ERISA. The following information included in the financial statements and supplemental schedules was provided and certified by the trustee, Benefit Trust Company, as of December 31, 2023 and 2022 and for the year ended December 31, 2023, as complete and accurate.

- Investments, at fair value
- Notes receivable from participants
- Investment income
- Interest on participant notes receivable
- Schedule of assets (held at end of year)

7. Party-in-interest Transactions

Benefit Trust Company is the trustee as defined by the Plan. Certain investment fees are paid by the trustee and are reflected in the investment income or loss for the year. The Plan also issues loans to participants that are secured by the vested balance in the participants' accounts. As such, these transactions qualify as party-in-interest transactions, which are exempt from the prohibited transaction rules.

Additionally, the Plan sponsor, Twinstrand Biosciences, is a party-in-interest to the Plan. The transactions between the Plan and the Plan sponsor included funding of contributions to the Plan and payment of certain administrative expenses of the Plan, which are exempt transactions.

8. Tax Status

Effective January 6, 2022, the Plan was restated utilizing a Guideline Non-Standardized Defined Contribution Pre-Approved Plan Document. Guideline received an advisory letter from the Internal Revenue Service ("IRS") on November 18, 2020 in which the IRS stated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the advisory letter. However, management of the Plan believes the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, they believe that the Plan is qualified, and the related trust is tax exempt as of and for the year ended December 31, 2023.

Assuming it meets certain initial and ongoing requirements, the Plan is generally exempt from federal and state income taxes. However, GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2023, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements.

9. Plan Termination

Although it has not expressed any intention to do so, the Company may terminate the Plan at any time subject to the provisions of ERISA. In the event of Plan termination, participants will become fully vested in their accounts.

10. Subsequent Events

The Plan has evaluated subsequent events with respect to the Plan through August 27, 2024, the date the financial statements are available to be issued and concluded there are no material subsequent events that required recognition or additional disclosures in these financial statements.

11. Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits as reported on the Plan's financial statements to amounts reported on the Form 5500 at December 31:

	<u>2023</u>	<u>2022</u>
Net assets available for benefits reported on the financial statements	\$ 3,888,795	\$ 3,000,398
Contribution receivable not reported on the Form 5500	<u>(39,275)</u>	<u>(39,363)</u>
Net assets available for benefits reported on the Form 5500	<u><u>\$ 3,849,520</u></u>	<u><u>\$ 2,961,035</u></u>

The following is a reconciliation of the net change in net assets available for benefits as reported on the Plan's financial statements to amounts reported on the Form 5500 for the year ended December 31:

	<u>2023</u>
Net change in net assets available for benefits reported on the financial statements	\$ 888,397
Change in contribution receivable	<u>88</u>
Net change in net assets available for benefits reported on the Form 5500	<u><u>\$ 888,485</u></u>

12. Non-exempt Transactions

Certain participant contributions that occurred in 2021 and 2023 were identified as not remitted to the Plan by the Company within the time period required by the Department of Labor. These late remittances constitute prohibited transactions as defined by ERISA. Management remitted the lost earnings for the late contributions during 2023.

TWINSTRAND BIOSCIENCES 401(K) PLAN
SCHEDULE H, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AS OF DECEMBER 31, 2023

EIN # 81-1085293

PLAN#: 001

(a)	(b) Identity of Issuer, Borrower, Lessor or Similar Party	(c) Description of Investment	(d) Cost	(e) Current Value
		Money market fund:		
	Vanguard	Federal Money Market Fund	**	\$ 42,561
		Mutual funds:		
	Vanguard	Total Bond Market Index Fund Admiral Shares	**	611,214
	Vanguard	Short-Term Inflation-Protected Securities Index Fund	**	16,559
	Vanguard	Total International Bond Index Fund Admiral Shares	**	203,270
	Vanguard	Industrials Index Fund Admiral Shares	**	3
	Vanguard	FTSE Social Index Fund Admiral	**	25,012
	Vanguard	Small Cap Value Index Fund Admiral Shares	**	25,855
	Vanguard	Mid-Cap Value Index Fund Admiral Shares	**	2,826
	Vanguard	Global ex-U.S. Real Estate Index Fund Admiral Shares	**	2,889
	Vanguard	Utilities Index Fund Admiral Shares	**	3
	Vanguard	Communication Services Index Fund Admiral Shares	**	1,332
	Vanguard	Materials Index Fund Admiral Shares	**	3
	Vanguard	Information Technology Index Fund Admiral Shares	**	38,319
	Vanguard	Health Care Index Fund Admiral Shares	**	1,341
	Vanguard	Financials Index Fund Admiral Shares	**	4
	Vanguard	Energy Index Fund Admiral Shares	**	3
	Vanguard	Mid-Cap Index Fund Admiral Shares	**	15,738
	Vanguard	Growth Index Fund Admiral Shares	**	39,629
	Vanguard	Value Index Fund Admiral Shares	**	17,309
	Vanguard	Small-Cap Index Fund Admiral Shares	**	8,202
	Vanguard	Extended Market Index Fund Admiral Shares	**	8,834
	Vanguard	500 Index Fund Admiral Shares	**	33,833
	Vanguard	Total Stock Market Index Fund Admiral Shares	**	1,531,201
	Vanguard	Total International Stock Index Fund Admiral Shares	**	11
	Vanguard	Developed Markets Index Fund Admiral Shares	**	697,211
	Vanguard	Emerging Markets Stock Index Fund Admiral Shares	**	339,923
	Vanguard	Real Estate Index Fund Admiral Shares	**	173,906
		Total mutual funds		3,794,430
		Total investments		\$ 3,836,991

** The cost of participant-directed investments is not required to be disclosed.

See accompanying independent auditor's report and notes to the financial statements.

TWINSTRAND BIOSCIENCES 401(K) PLAN
SCHEDULE H, LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
FOR THE YEAR ENDED DECEMBER 31, 2023

EIN # 81-1085293

PLAN#: 001

Participant Contributions Transferred Late to Plan	Total that Constitute Non-exempt Prohibited Transactions			Total Fully Corrected Under Voluntary Fiduciary Correction Program (VFCP) and Prohibited Transaction Exemption 2002-51
Check here if Late Participant Loan Repayments are included: <u> X </u>	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
-	-	\$ 895*	-	-

* Delinquent contributions from 2021 and 2023 corrected in 2023.

See accompanying independent auditor's report and notes to the financial statements.