

Form 5500

Annual Return/Report of Employee Benefit Plan

OMB Nos. 1210-0110 1210-0089

2024

This Form is Open to Public Inspection

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

Complete all entries in accordance with the instructions to the Form 5500.

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: a multiemployer plan, a multiple-employer plan, a single-employer plan, a DFE, the first return/report, the final return/report, an amended return/report, a short plan year return/report.
B This return/report is: the first return/report, the final return/report, an amended return/report, a short plan year return/report.
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.
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: PRELUDE THERAPEUTICS RETIREMENT PLAN
1b Three-digit plan number (PN): 001
1c Effective date of plan: 01/01/2017
2a Plan sponsor's name (employer, if for a single-employer plan): PRELUDE THERAPEUTICS, INC
2b Employer Identification Number (EIN): 81-1384762
2c Plan Sponsor's telephone number: 484-744-4654
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.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

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

Form 5500 (2024) v. 240311

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	158
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ). <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year ..... <b>b</b> Retired or separated participants receiving benefits..... <b>c</b> Other retired or separated participants entitled to future benefits ..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> ..... <b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) ..... <b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) ..... <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b>	130
	<b>6a(2)</b>	131
	<b>6b</b>	2
	<b>6c</b>	30
	<b>6d</b>	163
	<b>6e</b>	0
	<b>6f</b>	163
	<b>6g(1)</b>	151
	<b>6g(2)</b>	157
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>	

**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 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:

<b>9a</b> Plan funding arrangement (check all that apply)	<b>9b</b> Plan benefit arrangement (check all that apply)
(1) <input checked="" type="checkbox"/> Insurance	(1) <input checked="" type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> General assets of the sponsor

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

**a Pension Schedules**

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

**b General Schedules**

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

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

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**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.

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**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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 \_\_\_\_\_

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<p style="text-align: center;"><b>SCHEDULE A</b> <b>(Form 5500)</b></p> <p style="font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="font-size: x-small;">Department of Labor Employee Benefits Security Administration</p> <hr/> <p style="font-size: x-small;">Pension Benefit Guaranty Corporation</p>	<p><b>Insurance Information</b></p> <p>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p>▶ <b>File as an attachment to Form 5500.</b></p> <p>▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).</p>	<p>OMB No. 1210-0110</p> <hr/> <p style="font-size: large;"><b>2024</b></p> <hr/> <p><b>This Form is Open to Public Inspection</b></p>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<p><b>A</b> Name of plan <span style="color: blue;">PRELUDE THERAPEUTICS RETIREMENT PLAN</span></p>	<p><b>B</b> Three-digit plan number (PN) ▶</p>	<p><span style="color: blue;">001</span></p>
<p><b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <span style="color: blue;">PRELUDE THERAPEUTICS, INC</span></p>	<p><b>D</b> Employer Identification Number (EIN) <span style="color: blue;">81-1384762</span></p>	

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

**1 Coverage Information:**

**(a)** Name of insurance carrier  
EMPOWER ANNUITY INSURANCE COMPANY OF AMERICA

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
84-0467907	68322	518120-01	94	01/01/2024	12/31/2024

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

<b>(a)</b> Total amount of commissions paid	<b>(b)</b> Total amount of fees paid
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**3 Persons receiving commissions and fees.** (Complete as many entries as needed to report all persons).

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

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

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

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

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

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

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

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

<b>Part II</b>	<b>Investment and Annuity Contract Information</b>	
	Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.	
<b>4</b>	Current value of plan's interest under this contract in the general account at year end .....	119277
<b>5</b>	Current value of plan's interest under this contract in separate accounts at year end.....	0
<b>6</b>	<b>Contracts With Allocated Funds:</b>	
<b>a</b>	State the basis of premium rates ▶	
<b>b</b>	Premiums paid to carrier .....	<b>6b</b>
<b>c</b>	Premiums due but unpaid at the end of the year .....	<b>6c</b>
<b>d</b>	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. .... Specify nature of costs ▶	<b>6d</b>
<b>e</b>	Type of contract: (1) <input type="checkbox"/> individual policies      (2) <input type="checkbox"/> group deferred annuity (3) <input type="checkbox"/> other (specify) ▶	
<b>f</b>	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ <input type="checkbox"/>	
<b>7</b>	<b>Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)</b>	
<b>a</b>	Type of contract: (1) <input type="checkbox"/> deposit administration      (2) <input type="checkbox"/> immediate participation guarantee (3) <input type="checkbox"/> guaranteed investment      (4) <input checked="" type="checkbox"/> other ▶ <b>GROUP ANNUITY CONTRACT</b>	
<b>b</b>	Balance at the end of the previous year .....	<b>7b</b> 262054
<b>c</b>	Additions: (1) Contributions deposited during the year .....	<b>7c(1)</b> 30401
	(2) Dividends and credits.....	<b>7c(2)</b> 0
	(3) Interest credited during the year.....	<b>7c(3)</b> 2671
	(4) Transferred from separate account .....	<b>7c(4)</b> 394636
	(5) Other (specify below)..... ▶ <b>LOAN PAYMENTS</b>	<b>7c(5)</b> 8200
	(6) Total additions .....	<b>7c(6)</b> 435908
<b>d</b>	Total of balance and additions (add lines <b>7b</b> and <b>7c(6)</b> ) .....	<b>7d</b> 697962
<b>e</b>	Deductions:	
	(1) Disbursed from fund to pay benefits or purchase annuities during year .....	<b>7e(1)</b> 76996
	(2) Administration charge made by carrier.....	<b>7e(2)</b> 14
	(3) Transferred to separate account .....	<b>7e(3)</b> 501675
	(4) Other (specify below)..... ▶	<b>7e(4)</b>
(5) Total deductions .....	<b>7e(5)</b> 578685	
<b>f</b>	Balance at the end of the current year (subtract line <b>7e(5)</b> from line <b>7d</b> ).....	<b>7f</b> 119277

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

**8** Benefit and contract type (check all applicable boxes)

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

**9** Experience-rated contracts:

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

**10** Nonexperience-rated contracts:

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

Specify nature of costs.

**Part IV Provision of Information**

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

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

<b>SCHEDULE C</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Service Provider Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

<b>A</b> Name of plan <b>PRELUDE THERAPEUTICS RETIREMENT PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>PRELUDE THERAPEUTICS, INC</b>	<b>D</b> Employer Identification Number (EIN) <b>81-1384762</b>	

**Part I Service Provider Information (see instructions)**

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

**1 Information on Persons Receiving Only Eligible Indirect Compensation**

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

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

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

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

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**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)

TRINITY WEALTH MANAGEMENT LLC

1000 WESTLAKES DR STE 275  
BERWYN, PA 19312

(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?
27	INVESTMENT ADVISOR	33884	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

EMPOWER ANNUITY INSURANCE COMPANY O

8515 EAST ORCHARD ROAD  
GREENWOOD VILLAGE, CO 80111

(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?
64	RECORDKEEPER	1138	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

(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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

**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.

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

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

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

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

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

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

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> 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)

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>SCHEDULE D</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>	<b>DFE/Participating Plan Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	OMB No. 1210-0110  <hr/> <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>PRELUDE THERAPEUTICS RETIREMENT PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>PRELUDE THERAPEUTICS, INC</u>	<b>D</b> Employer Identification Number (EIN) <u>81-1384762</u>	

<b>Part I</b>	<b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b> (Complete as many entries as needed to report all interests in DFEs)
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<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>GREAT GRAY TRUST AMERICAN FUNDS 204</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>GREAT GRAY</u>		
<b>c</b> EIN-PN <u>38-4126265-569</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1560536</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>GREAT GRAY TRUST AMERICAN FUNDS 203</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>GREAT GRAY</u>		
<b>c</b> EIN-PN <u>38-4126263-567</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1065719</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>GREAT GRAY TRUST AMERICAN FUNDS 205</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>GREAT GRAY</u>		
<b>c</b> EIN-PN <u>38-4126267-571</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>771675</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>GREAT GRAY TRUST AMERICAN FUNDS 205</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>GREAT GRAY</u>		
<b>c</b> EIN-PN <u>38-4126266-570</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>876895</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>BLACKROCK EAFE EQUITY INDEX FEE CL</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>GREAT GRAY</u>		
<b>c</b> EIN-PN <u>20-3802495-007</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>424087</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>GREAT GRAY TRUST AMERICAN FUNDS 202</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>GREAT GRAY</u>		
<b>c</b> EIN-PN <u>38-4126260-564</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>307722</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>GREAT GRAY TRUST AMERICAN FUNDS 206</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>GREAT GRAY</u>		
<b>c</b> EIN-PN <u>38-7275308-777</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>172517</u>

**a** Name of MTIA, CCT, PSA, or 103-12 IE: GREAT GRAY TRUST AMERICAN FUNDS 202

**b** Name of sponsor of entity listed in (a): GREAT GRAY

<b>c</b> EIN-PN 38-4126261-565	<b>d</b> Entity code C	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2843
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**a** Name of MTIA, CCT, PSA, or 103-12 IE: GREAT GRAY TRUST AMERICAN FUNDS 206

**b** Name of sponsor of entity listed in (a): GREAT GRAY

<b>c</b> EIN-PN 38-4126268-572	<b>d</b> Entity code C	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 547284
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**a** Name of MTIA, CCT, PSA, or 103-12 IE: GREAT GRAY TRUST AMERICAN FUNDS 203

**b** Name of sponsor of entity listed in (a): GREAT GRAY

<b>c</b> EIN-PN 38-4126262-566	<b>d</b> Entity code C	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2175145
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**a** Name of MTIA, CCT, PSA, or 103-12 IE: GREAT GRAY TRUST AMERICAN FUNDS 204

**b** Name of sponsor of entity listed in (a): GREAT GRAY

<b>c</b> EIN-PN 38-4126264-568	<b>d</b> Entity code C	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 882134
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**a** Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

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

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

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

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

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

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

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

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

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

<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  ▶ <b>File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>PRELUDE THERAPEUTICS RETIREMENT PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>PRELUDE THERAPEUTICS, INC</b>	<b>D</b> Employer Identification Number (EIN) <b>81-1384762</b>

<b>Part I</b>	<b>Asset and Liability Statement</b>
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**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.

		(a) Beginning of Year	(b) End of Year
<b>Assets</b>			
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>	0	0
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	0	0
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>	0	0
<b>(3)</b> Other .....	<b>1b(3)</b>	0	0
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	0	0
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	0	0
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>	0	0
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	0	0
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>	0	0
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	0	0
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>	0	0
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>	0	0
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>	0	0
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	0	40092
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	338169	8786557
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>		
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>	0	0
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>	0	0
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	11568388	8467409
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>	262054	119277
<b>(15)</b> Other .....	<b>1c(15)</b>	0	0

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>	0	0
(2) Employer real property.....	<b>1d(2)</b>	0	0
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>	0	0
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	12168611	17413335
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>	0	0
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>	0	0
<b>j</b> Other liabilities.....	<b>1j</b>	0	0
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	12168611	17413335

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>	769129	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	2425392	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>	745945	
(2) Noncash contributions.....	<b>2a(2)</b>	0	
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		3940466
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>	0	
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>	0	
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>	0	
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>	0	
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>	3250	
<b>(F)</b> Other.....	<b>2b(1)(F)</b>	2671	
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		5921
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>	0	
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>	0	
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	234688	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		234688
<b>(3)</b> Rents.....	<b>2b(3)</b>		0
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>	0	
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>	0	
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>	0	
<b>(B)</b> Other.....	<b>2b(5)(B)</b>	0	
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		

	(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	2b(6)	-6951
(7) Net investment gain (loss) from pooled separate accounts .....	2b(7)	0
(8) Net investment gain (loss) from master trust investment accounts .....	2b(8)	0
(9) Net investment gain (loss) from 103-12 investment entities .....	2b(9)	0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	2b(10)	1810775
<b>c</b> Other income .....	2c	33884
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	2d	6018783

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:		
(1) Directly to participants or beneficiaries, including direct rollovers .....	2e(1)	739037
(2) To insurance carriers for the provision of benefits .....	2e(2)	0
(3) Other .....	2e(3)	0
(4) Total benefit payments. Add lines 2e(1) through (3) .....	2e(4)	739037
<b>f</b> Corrective distributions (see instructions) .....	2f	0
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	2g	0
<b>h</b> Interest expense .....	2h	0
<b>i</b> Administrative expenses:		
(1) Salaries and allowances .....	2i(1)	0
(2) Contract administrator fees .....	2i(2)	0
(3) Recordkeeping fees .....	2i(3)	1138
(4) IQPA audit fees .....	2i(4)	0
(5) Investment advisory and investment management fees .....	2i(5)	33884
(6) Bank or trust company trustee/custodial fees .....	2i(6)	0
(7) Actuarial fees .....	2i(7)	0
(8) Legal fees .....	2i(8)	0
(9) Valuation/appraisal fees .....	2i(9)	0
(10) Other trustee fees and expenses .....	2i(10)	0
(11) Other expenses .....	2i(11)	0
(12) Total administrative expenses. Add lines 2i(1) through (11) .....	2i(12)	35022
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	2j	774059

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line 2j from line 2d .....	2k	5244724
<b>l</b> 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: FISCHER CUNNANE

(2) EIN: 23-1210010

**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
<b>a</b> Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
<b>b</b> Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
<b>c</b> Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
<b>d</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
<b>e</b> Was this plan covered by a fidelity bond?	X		500000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
<b>g</b> Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
<b>h</b> Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
<b>j</b> Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan?		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
<b>n</b> 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.)

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> 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 \_\_\_\_\_.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

<b>A</b> Name of plan <b>PRELUDE THERAPEUTICS RETIREMENT PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>PRELUDE THERAPEUTICS, INC</b>	<b>D</b> Employer Identification Number (EIN) <b>81-1384762</b>	

<b>Part I</b>	<b>Distributions</b>
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**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..... 

<b>1</b>	<b>0</b>
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**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): 84-1455663

**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..... 

<b>3</b>	
----------	--

<b>Part II</b>	<b>Funding Information</b> (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.)
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**4** Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? .....  Yes  No  N/A  
**If the plan is a defined benefit plan, go to line 8.**

**5** If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_  
**If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....	<b>6b</b>	
<b>c</b> 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).....	<b>6c</b>	

**If you completed line 6c, skip lines 8 and 9.**

**7** Will the minimum funding amount reported on line 6c be met by the funding deadline?.....  Yes  No  N/A

**8** If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? .....  Yes  No  N/A

<b>Part III</b>	<b>Amendments</b>
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**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

<b>Part IV</b>	<b>ESOPs</b> (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.
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**10** Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? .....  Yes  No

**11 a** Does the ESOP hold any preferred stock? .....  Yes  No

**b** If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) .....  Yes  No

**12** Does the ESOP hold any stock that is not readily tradable on an established securities market? .....  Yes  No

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

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

<b>a</b> The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	<b>14a</b>	
<b>b</b> The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14b</b>	
<b>c</b> The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14c</b>	

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year .....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year .....	<b>15b</b>	

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

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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 .....	<b>16b</b>	

**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 11 / 14 / 2022 (MM/DD/YYYY) and the Opinion Letter serial number Q702518A.

## **Prelude Therapeutics Retirement Plan**

Financial Statements and  
Supplemental Schedule  
For the Years Ended December 31, 2024 and 2023  
With Independent Auditors' Report

# Prelude Therapeutics Retirement Plan

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## INDEPENDENT AUDITORS' REPORT

To the Administrative Committee of  
the Prelude Therapeutics Retirement Plan

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

We have performed audits of the accompanying financial statements of the Prelude Therapeutics Retirement 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, 2024 and 2023, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

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

Management has obtained certifications from a qualified institution as of December 31, 2024 and 2023, and for the years then ended, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

### Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the Financial Statement section

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

## **Basis for Opinion**

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

## **Responsibilities of Management for the Financial Statements**

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

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

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

## **Auditors' Responsibilities for the Audit of the Financial Statements**

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

In performing an audit in accordance with GAAS, we:

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

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Prelude Therapeutics Retirement 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 Prelude Therapeutics Retirement Plan's ability to continue as a going concern for a reasonable period of time.

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

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

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

#### **Other Matter – Supplemental Schedule Required by ERISA**

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2024 is presented for purpose of additional analysis and is not a required part of the financial statements but is 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 schedule, 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 schedule 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 schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is 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 schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is 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).

*Fischer Cunnane & Associates Ltd*  
Fischer Cunnane & Associates Ltd  
Certified Public Accountants

August 7, 2025  
West Chester, Pennsylvania

# Prelude Therapeutics Retirement Plan

## Statements of Net Assets Available for Benefits As of December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
ASSETS		
INVESTMENTS		
Investments at fair value:		
Mutual funds	\$ 8,467,409	\$ 11,568,388
Common collective trust funds	<u>8,786,557</u>	<u>338,169</u>
Total investments at fair value	<u>17,253,966</u>	<u>11,906,557</u>
Investments at contract value:		
Guaranteed interest account	<u>119,277</u>	<u>262,054</u>
Total investments at contract value	<u>119,277</u>	<u>262,054</u>
Total Investments	<u>17,373,243</u>	<u>12,168,611</u>
RECEIVABLES		
Notes receivable from participants	<u>40,092</u>	<u>-</u>
Total Receivables	<u>40,092</u>	<u>-</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 17,413,335</u>	<u>\$ 12,168,611</u>

The accompanying notes are an integral part of these financial statements.

# Prelude Therapeutics Retirement Plan

## Statements of Changes in Net Assets Available for Benefits For the Years Ended December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
ADDITIONS TO NET ASSETS ATTRIBUTED TO:		
Investment Income:		
Interest and dividends	\$ 237,359	\$ 260,865
Net appreciation in fair value of investments	1,837,708	1,326,213
Total Investment Income	<u>2,075,067</u>	<u>1,587,078</u>
Interest income on notes receivable from participants	<u>3,250</u>	<u>-</u>
Contributions:		
Participant	2,425,392	2,274,985
Employer	769,129	668,548
Rollover	745,945	1,405,376
Total Contributions	<u>3,940,466</u>	<u>4,348,909</u>
TOTAL ADDITIONS	<u>6,018,783</u>	<u>5,935,987</u>
DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:		
Benefits paid to participants	739,037	722,753
Administrative fees	35,022	18,678
TOTAL DEDUCTIONS	<u>774,059</u>	<u>741,431</u>
NET INCREASE	5,244,724	5,194,556
NET ASSETS AVAILABLE FOR BENEFITS:		
Beginning of period	<u>12,168,611</u>	<u>6,974,055</u>
End of period	<u>\$ 17,413,335</u>	<u>\$ 12,168,611</u>

The accompanying notes are an integral part of these financial statements.

# Prelude Therapeutics Retirement Plan

## Notes to the Financial Statements For the Years Ended December 31, 2024 and 2023

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### 1. Description of Plan

The following description of the Prelude Therapeutics Retirement Plan (the "Plan"), provides only general information. Participants should refer to the Plan documents for a more complete description of the Plan's provisions.

**General** – The Plan is a defined contribution plan covering substantially all full-time non-union employees of Prelude Therapeutics Inc. (the "Company"). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

**Eligibility** – Employees of the Company are eligible to participate in the Plan immediately upon their employment commencement date and attaining 18 years of age.

**Contributions** – Participants can elect to defer up to 100% of eligible compensation, subject to applicable Internal Revenue Service ("IRS") limitations. A participant's compensation, for federal tax purposes, shall be reduced by the amount of the elected pre-tax deferral contributions. Participants who have attained age 50 before the end of the Plan year are eligible to make additional catch-up contributions to the Plan subject to statutory limitations. A participant may designate all or a portion of their 401(k) elective deferral contributions, including catch ups, as Roth 401(k) contributions. Participants may also contribute eligible distributions from other qualified defined benefit or defined contribution plans (rollover).

Discretionary employer matching contributions may be made to the Plan by the Company. The Company in its sole discretion will determine how much, if any, will be contributed as a matching contribution to the Plan. Such matching contribution amounts can be determined either as a uniform percentage of participant deferral contributions or as a flat dollar amount for each participant. For the years ended December 31, 2024 and 2023, the Company contributed 3% of the participant's deferral contribution on a per payroll basis resulting in employer matching contributions to the Plan of \$769,129 and \$668,548, respectively.

The Plan document also permits the Company to make a discretionary nonelective contribution to eligible employees meeting the required allocation conditions. Refer to the Plan document for the applicable formulas to calculate the nonelective contributions. For the years ended December 31, 2024 and 2023, the Company did not make any nonelective contributions to the Plan.

**Participant Accounts** – Each participant's account is credited with the participant's contributions and Company discretionary contributions, as well as Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan and Plan losses. Allocations are based on participant earnings, account balances, or specific transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

**Vesting** – Participants are 100% vested immediately in all contributions, including company discretionary contributions, rollovers, plus actual earnings thereon.

# Prelude Therapeutics Retirement Plan

## Notes to the Financial Statements For the Years Ended December 31, 2024 and 2023

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Forfeited balances of participants' non-vested accounts may be used to reduce employer contributions to the Plan. As of December 2024 and 2023, forfeited non-vested accounts totaled \$292 and \$288, respectively. During the years ended December 2024 and 2023, forfeitures of \$-0- were used to reduce employer matching contributions.

**Investment Options** – Upon enrollment in the Plan, a participant may direct their contributions to any of the Plan's investment options. Participants may change their investment options at any time.

**Notes Receivable from Participants** – Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Participants may not have more than one loan outstanding at one time. Loan terms range from one to five years or up to 30 years for the purchase of a primary residence. The loans are secured by the vested balance in the participant's account and bear a reasonable rate of interest based on the prime interest rate plus 1%. Principal and interest are paid ratably through payroll deductions.

**Payment of Benefits** – The payment of benefits under this Plan to the participant shall begin as soon as administratively feasible. Distributions are allowed in the event of termination of employment, disability, death, or retirement. Also, in-service distributions are allowed in the event of financial hardship or upon attainment of age 59-1/2, and only from fully vested accounts.

Participants must consent to any distribution from their account before they reach normal retirement age if their vested balance exceeds \$1,000. A mandatory single lump-sum direct distribution is paid in cash to the participant if the vested account balance is \$1,000 or less.

## 2. Summary of Significant Accounting Policies

**Basis of Accounting** – The financial statements of the Plan are prepared on the accrual basis of accounting.

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

**Investment Valuation and Income Recognition** – Investments are reported at fair value (except for the fully benefit-responsive investment contract, which is reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Plan management determined the Plan's valuation policies utilizing information provided by the investment advisor, trustee, custodian, and insurance company. See Note 5 for discussion of fair value measurements.

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

# Prelude Therapeutics Retirement Plan

## Notes to the Financial Statements For the Years Ended December 31, 2024 and 2023

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**Notes Receivable from Participants** – Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2024 or 2023. Delinquent notes receivable from participants are treated as distributions based upon the terms of the Plan document.

**Payment of Benefits** – Benefits are recorded when paid.

**Expenses** – Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Expenses directly associated with the administration of a participant's account may be charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation (depreciation) in fair value of investments.

### 3. Information Prepared and Certified by the Trustee

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments and notes receivable from participants held at December 31, 2024 and 2023, and net appreciation (depreciation) in fair value of investments, and interest and dividends for the years then ended, was obtained or derived from information supplied to the plan administrator and certified as complete and accurate by Empower, the trustee and custodian of the Plan.

During the years ended December 31, 2024 and 2023, the Plan's investments appreciated (depreciated) in value by \$1,837,708 and \$1,326,213, respectively. Interest and dividend income for the years ended December 31, 2024 and 2023 was \$237,359 and \$260,865, respectively. Interest earned on notes receivable from participants for the years ended December 31, 2024 and 2023 was \$3,250 and \$-0-, respectively.

### 4. Fully Benefit-Responsive Investment Contract

The Plan is invested in a fully benefit-responsive investment contract with Empower that is a traditional investment contract and is reported at contract value. Contract value is the relevant measurement for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value, as reported to the Plan by Empower, represents contributions made under the contract, plus earnings, less participant withdrawals, and administrative expenses. Empower maintains the amounts allocated to the contract in a general account. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value; however, the investment contract is subject to certain restrictions which may impact the Plan's ability to fully realize the investment contract's value under certain conditions.

# Prelude Therapeutics Retirement Plan

## Notes to the Financial Statements For the Years Ended December 31, 2024 and 2023

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Certain events may limit the ability of the Plan to transact at contract value. Such events include, but may not be limited to, a participant termination of employment due to: 1) removal of a group of participants from Plan coverage as a result of temporary absence; 2) change in position or other occurrence qualifying as a temporary break in service under the Plan; 3) transfer or other change of position resulting in employment by an entity controlling, controlled by, or under other common control with the employer; or 4) cessation of an employment relationship resulting from a reorganization, merger, layoff, or the sale or discontinuance of all or any part of the Plan sponsor's business. Such events also include: 1) removal from the Plan of one or more groups or classifications of participants; 2) partial or complete Plan termination; or 3) Plan disqualification. As of December 31, 2024 and December 31, 2023, the occurrence of an event outside the normal operation of the investment contract which would cause a withdrawal from an investment contract was not considered probable.

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

The guaranteed investment contract does not permit the insurance company to terminate the agreement prior to the scheduled maturity date.

### 5. Fair Value Measurements

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

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

*Level 2:* Inputs to the valuation methodology include:

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

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

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

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

# Prelude Therapeutics Retirement Plan

## Notes to the Financial Statements For the Years Ended December 31, 2024 and 2023

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2024 and 2023.

*Mutual funds:* Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their daily net asset value (“NAV”) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

*Collective trust funds:* Valued using the NAV as a practical expedient as determined by the issuer based on the fair value of the underlying assets within the fund and the present values of future cash flows using the current discount rate.

The following tables set forth by level, within the fair value hierarchy, the Plan’s assets at fair value as of December 31, 2024 and 2023:

	Assets at Fair Value as of December 31, 2024			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 8,467,409	\$ -	\$ -	\$ 8,467,409
Total investments in the fair value hierarchy at fair value	\$ 8,467,409	\$ -	\$ -	8,467,409
Collective trust funds measured at NAV (a)				8,786,557
Total investments measured at fair value				\$ 17,253,966

	Assets at Fair Value as of December 31, 2023			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 11,568,388	\$ -	\$ -	\$ 11,568,388
Total investments in the fair value hierarchy at fair value	\$ 11,568,388	\$ -	\$ -	11,568,388
Collective trust fund measured at NAV (a)				338,169
Total investments measured at fair value				\$ 11,906,557

- (a) In accordance with ASC Subtopic 820-10, certain investments that are measured at NAV per share (or its equivalent) as a practical expedient to estimate fair value, have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

# Prelude Therapeutics Retirement Plan

## Notes to the Financial Statements For the Years Ended December 31, 2024 and 2023

### Fair Value of Investments in Entities that Use NAV

The following table summarizes investments measured at fair value based on NAV per share as of December 31, 2024 and 2023, respectively.

December 31, 2024	NAV	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Blackrock EAFE Equity Index Fee CL R	\$ 424,087	N/A	Daily	None
Great Gray Trust American Funds 2020 I	307,722	N/A	Daily	None
Great Gray Trust American Funds 2025 I	2,843	N/A	Daily	None
Great Gray Trust American Funds 2030 I	2,175,145	N/A	Daily	None
Great Gray Trust American Funds 2035 I	1,065,719	N/A	Daily	None
Great Gray Trust American Funds 2040 I	882,134	N/A	Daily	None
Great Gray Trust American Funds 2045 I	1,560,536	N/A	Daily	None
Great Gray Trust American Funds 2050 I	876,895	N/A	Daily	None
Great Gray Trust American Funds 2055 I	771,675	N/A	Daily	None
Great Gray Trust American Funds 2060 I	547,284	N/A	Daily	None
Great Gray Trust American Funds 2065 I	172,517	N/A	Daily	None

December 31, 2023	NAV	Unfunded Commitments	Redemption Frequency (if currently eligible)	Redemption Notice Period
Blackrock EAFE Equity Index Fee CL R	\$ 338,169	N/A	Daily	None

### 6. Related-Party Transactions and Party in Interest Transactions

Certain Plan investments are managed by Empower, the current trustee and custodian of the Plan and, therefore, these transactions qualify as party in interest transactions. Additionally, certain administrative fees paid to the trustee and the third party administrator are considered party in interest transactions. Additionally, loans to participants are also considered party in interest transactions. These party in interest transactions are exempt from the prohibited transaction rules of ERISA.

### 7. Plan Termination

Although it has not expressed intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA.

# Prelude Therapeutics Retirement Plan

## Notes to the Financial Statements For the Years Ended December 31, 2024 and 2023

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### 8. Tax Status

On June 30, 2020, the IRS stated that the prototype adopted by the Plan, as then designed, qualifies under the Internal Revenue Code (“IRC”) Section 401(a). The Plan has not received a determination letter specific to the Plan itself, however, the plan administrator and the plan’s tax counsel believe that the Plan was designed and was being operated in compliance with the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan’s financial statements.

Accounting principles generally accepted in the United States of America require 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 applicable authorities. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

### 9. Risks and Uncertainties

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

Plan investments include a variety of investments that may directly or indirectly invest in securities with contractual cash flows. The value, liquidity, and related income of these securities are sensitive to changes in economic conditions and may be adversely affected by shifts in the market’s perception of the issuers and changes in interest rates.

### 10. Subsequent Events

Plan management has evaluated subsequent events through August 7, 2025, the date the financial statements were available to be issued.

**SUPPLEMENTAL SCHEDULE**

# Prelude Therapeutics Retirement Plan

PLAN EIN: 81-1384762

PLAN NUMBER: 001

## Schedule H, Line 4i - Schedule of Assets (Held at End of Year) As of December 31, 2024

(a)	IDENTITY OF ISSUE, BORROWER, LESSOR OR SIMILAR PARTY (b)	DESCRIPTION OF INVESTMENT INCLUDING MATURITY DATE, RATE OF INTEREST, COLLATERAL, PAR OR MATURITY VALUE (c)	COST (d)	CURRENT VALUE (e)
	AB Sustainable Global Thematic Z	Mutual Funds	**	\$ 61,431
	American Funds New Perspective R6	Mutual Funds	**	160,110
	American Funds US Government Sec R6	Mutual Funds	**	191,496
	Blackrock Mid-Cap Growth Equity K	Mutual Funds	**	227,991
	DFA US Vector Equity I	Mutual Funds	**	14,235
	DFA US Targeted Value I	Mutual Funds	**	83,372
	Fidelity 500 Index	Mutual Funds	**	3,579,373
	Fidelity Advisor Focused Emerging Mrkt Z	Mutual Funds	**	57,153
	Fidelity Inflation Protected Bond Index	Mutual Funds	**	13,331
	Fidelity Large Cap Growth Index	Mutual Funds	**	639,318
	Fidelity Mid Cap Index	Mutual Funds	**	591,188
	Fidelity Small Cap Index	Mutual Funds	**	419,438
	Hartford Equity Income R6	Mutual Funds	**	597,362
	JP Morgan Core Plus Bond R6	Mutual Funds	**	382,450
	JP Morgan Growth Advantage R6	Mutual Funds	**	598,603
	JP Morgan U.S. Value R6	Mutual Funds	**	272,502
	PGIM High Yield R6	Mutual Funds	**	45,662
	Pimco Income Instl	Mutual Funds	**	392,207
	Putnam Small Cap Growth R6	Mutual Funds	**	140,187
*	EI Fixed Account - Series Class I	Fixed Annuities	**	119,277
	Blackrock EAFE Equity Index Fee Cl R	Collective Trust Funds	**	424,087
	Great Gray Trust American Funds 2020 I	Collective Trust Funds	**	307,722
	Great Gray Trust American Funds 2025 I	Collective Trust Funds	**	2,843
	Great Gray Trust American Funds 2030 I	Collective Trust Funds	**	2,175,145
	Great Gray Trust American Funds 2035 I	Collective Trust Funds	**	1,065,719
	Great Gray Trust American Funds 2040 I	Collective Trust Funds	**	882,134
	Great Gray Trust American Funds 2045 I	Collective Trust Funds	**	1,560,536
	Great Gray Trust American Funds 2050 I	Collective Trust Funds	**	876,895
	Great Gray Trust American Funds 2055 I	Collective Trust Funds	**	771,675
	Great Gray Trust American Funds 2060 I	Collective Trust Funds	**	547,284
	Great Gray Trust American Funds 2065 I	Collective Trust Funds	**	172,517
*	Participant Loans	Interest rates 9.50%	-0-	40,092

\* Party in interest

\*\* "Cost" is not applicable for participant-directed investments

This schedule was prepared from information certified by Empower

**SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

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**Prelude Therapeutics Retirement Plan****01-JAN-24 to 31-DEC-24**

17-JAN-25 11:28:15

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
1WTA20I			308,292.09	307,722.04
1WTA25I			2,860.99	2,843.20
1WTA30I			2,185,929.26	2,175,145.74
1WTA35I			1,069,046.03	1,065,718.91
1WTA40I			886,695.92	882,134.15
1WTA45I			1,577,231.43	1,560,536.24
1WTA50I			880,632.50	876,894.57
1WTA55I			780,207.21	771,675.41
1WTA60I			550,586.68	547,283.72
1WTA65I			172,946.09	172,516.72
1ATEZX			59,782.55	61,430.70
1RNPGX			149,254.68	160,109.80
1FZAEX			52,313.90	57,153.15
1WTINER			377,892.96	424,086.53
1DFFVX			73,045.77	83,372.43
1FSSNX			370,651.27	419,437.75
1PLKGX			113,782.78	140,187.44
1BMGKX			203,630.54	227,990.71
1DFVEX			13,401.77	14,234.66
1FSMDX			509,672.68	591,187.64
1FSPGX			507,886.44	639,317.79
1FXAIX			2,730,691.66	3,579,372.85
1VGINX			248,075.09	272,503.01
1JGVVX			480,823.30	598,603.84
1HQIVX			611,360.36	597,362.22
1RGV GX			199,003.77	191,495.65
1FIPDX			13,629.92	13,331.09
1JCPUX			386,863.87	382,450.57
1PIMIX			391,347.75	392,207.14
1PHYQX			44,815.91	45,661.51
1GWAQ35		1.450	116,223.74	118,984.69
			<b>16,068,578.91</b>	<b>17,372,951.87</b>
PARTICIPANT LOANS	VARIOUS	9.500-9.500	40,091.63	40,091.63
FORFEITURES			285.33	291.94

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
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## LEGEND

## INVESTMENT OPTION:

1WTA20I	Great Gray Trust American Funds 2020 I	1WTA25I	Great Gray Trust American Funds 2025 I
1WTA30I	Great Gray Trust American Funds 2030 I	1WTA35I	Great Gray Trust American Funds 2035 I
1WTA40I	Great Gray Trust American Funds 2040 I	1WTA45I	Great Gray Trust American Funds 2045 I
1WTA50I	Great Gray Trust American Funds 2050 I	1WTA55I	Great Gray Trust American Funds 2055 I
1WTA60I	Great Gray Trust American Funds 2060 I	1WTA65I	Great Gray Trust American Funds 2065 I
1ATEZX	AB Sustainable Global Thematic Z	1RNPGX	American Funds New Perspective R6
1FZAEX	Fidelity Advisor Focused Emerging Mrkt Z	1WTINER	BlackRock EAFE Equity Index Fee Cl R
1DFFVX	DFA US Targeted Value I	1FSSNX	Fidelity Small Cap Index
1PLKGX	Putnam Small Cap Growth R6	1BMGKX	BlackRock Mid-Cap Growth Equity K
1DFVEX	DFA U.S. Vector Equity I	1FSMDX	Fidelity Mid Cap Index
1FSPGX	Fidelity Large Cap Growth Index	1FXAIX	Fidelity 500 Index
1VGINX	JPMorgan U.S. Value R6	1JGVVX	JPMorgan Growth Advantage R6
1HQIVX	Hartford Equity Income R6	1RGV GX	American Funds US Government Sec R6
1FIPDX	Fidelity Inflation Protected Bond Index	1JCPUX	JPMorgan Core Plus Bond R6
1PIMIX	PIMCO Income Instl	1PHYQX	PGIM High-Yield R6
1GWAQ35	EI Fixed Account - Series Class I		

COST OF ASSETS: The original cost of the assets in each investment option as of the last day of the plan year

CURRENT VALUE: The value of all assets in each investment option as of the last day of the plan year