

<b>Form 5500</b>  Department of the Treasury Internal Revenue Service  Department of Labor Employee Benefits Security Administration  Pension Benefit Guaranty Corporation	<b>Annual Return/Report of Employee Benefit Plan</b>  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).  <b>▶ Complete all entries in accordance with the instructions to the Form 5500.</b>	OMB Nos. 1210-0110 1210-0089  <div style="font-size: 24pt; font-weight: bold; text-align: center;">2024</div>  <b>This Form is Open to Public Inspection</b>
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<b>Part I</b>	<b>Annual Report Identification Information</b>
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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 (Filers checking this box must provide participating employer information in accordance with the form instructions.)

a single-employer plan  a DFE (specify) \_\_\_\_\_

**B** This return/report is:  the first return/report  the final return/report

an amended return/report  a short plan year return/report (less than 12 months)

**C** If the plan is a collectively-bargained plan, check here. . . . .

**D** Check box if filing under:  Form 5558  automatic extension  the DFVC program

special extension (enter description)

**E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . .

<b>Part II</b>	<b>Basic Plan Information—enter all requested information</b>
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<b>1a</b> Name of plan <u>CELL SIGNALING TECHNOLOGY 401(K) PLAN</u>	<b>1b</b> Three-digit plan number (PN) ▶ <u>001</u>
<b>2a</b> Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>CELL SIGNALING TECHNOLOGY, INC.</u>  <u>3 TRASK LANE</u> <u>DANVERS, MA 01923</u>	<b>1c</b> Effective date of plan <u>10/01/1999</u>  <b>2b</b> Employer Identification Number (EIN) <u>04-3485744</u>  <b>2c</b> Plan Sponsor's telephone number <u>978-867-2300</u>  <b>2d</b> Business code (see instructions) <u>325900</u>

**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.

<b>SIGN HERE</b>	<u>Filed with authorized/valid electronic signature.</u>	<u>07/31/2025</u>	<u>SETH LARNER</u>
	<b>Signature of plan administrator</b>	Date	Enter name of individual signing as plan administrator
<b>SIGN HERE</b>			
	<b>Signature of employer/plan sponsor</b>	Date	Enter name of individual signing as employer or plan sponsor
<b>SIGN HERE</b>			
	<b>Signature of DFE</b>	Date	Enter name of individual signing as DFE

<b>3a</b> Plan administrator's name and address <input type="checkbox"/> Same as Plan Sponsor  COMPASS 360, LLC  118 PORTSMOUTH AVENUE SUITE D201 STRATHAM, NH 03885	<b>3b</b> Administrator's EIN 81-1939215  <b>3c</b> Administrator's telephone number 603-778-9920
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<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
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<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	682
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<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>6a(1)</b>	537
<b>a(2)</b> Total number of active participants at the end of the plan year .....	<b>6a(2)</b>	528
<b>b</b> Retired or separated participants receiving benefits.....	<b>6b</b>	0
<b>c</b> Other retired or separated participants entitled to future benefits .....	<b>6c</b>	140
<b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> .....	<b>6d</b>	668
<b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. ....	<b>6e</b>	0
<b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> .....	<b>6f</b>	668
<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>6g(1)</b>	668
<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>6g(2)</b>	665
<b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6h</b>	0

<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>	
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**8a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:  
 2S 2E 2J 2K 2F 2G 3D 3H 2T

**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) (1) <input checked="" type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor	<b>9b</b> Plan benefit arrangement (check all that apply) (1) <input checked="" type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor
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**10** Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

<b>a Pension Schedules</b> (1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information) (2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary (4) <input type="checkbox"/> <b>DCG</b> (Individual Plan Information) – Number Attached _____ (5) <input type="checkbox"/> <b>MEP</b> (Multiple-Employer Retirement Plan Information)	<b>b General Schedules</b> (1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information) (2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan) (3) <input checked="" type="checkbox"/> <b>A</b> (Insurance Information) – Number Attached <u>  1  </u> (4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information) (5) <input type="checkbox"/> <b>D</b> (DFE/Participating Plan Information) (6) <input type="checkbox"/> <b>G</b> (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><b>SCHEDULE A</b> <b>(Form 5500)</b></p> <p>Department of the Treasury Internal Revenue Service</p> <hr/> <p>Department of Labor Employee Benefits Security Administration</p> <hr/> <p>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><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 <b>CELL SIGNALING TECHNOLOGY 401(K) PLAN</b></p>	<p><b>B</b> Three-digit plan number (PN) ▶</p>	<p><b>001</b></p>
<p><b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>CELL SIGNALING TECHNOLOGY, INC.</b></p>	<p><b>D</b> Employer Identification Number (EIN) <b>04-3485744</b></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	194568-01	106	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.

(a) Total amount of commissions paid	(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
	(c) Amount	(d) Purpose	

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

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

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

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

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

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

<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 .....	4 5498034
<b>5</b>	Current value of plan's interest under this contract in separate accounts at year end.....	5 0
<b>6</b>	Contracts With Allocated Funds:	
<b>a</b>	State the basis of premium rates ▶	
<b>b</b>	Premiums paid to carrier .....	6b
<b>c</b>	Premiums due but unpaid at the end of the year .....	6c
<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 ▶	6d
<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>	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)	
<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 ▶ GROUP ANNUITY CONTRACT	
<b>b</b>	Balance at the end of the previous year .....	7b 5098893
<b>c</b>	Additions: (1) Contributions deposited during the year .....	7c(1) 218430
	(2) Dividends and credits.....	7c(2) 0
	(3) Interest credited during the year.....	7c(3) 87877
	(4) Transferred from separate account .....	7c(4) 3144414
	(5) Other (specify below)..... ▶ LOAN REPAYMENTS, FORFEITURES	7c(5) 3065
	(6) Total additions .....	7c(6) 3453786
<b>d</b>	Total of balance and additions (add lines 7b and 7c(6)) .....	7d 8552679
<b>e</b>	Deductions:	
	(1) Disbursed from fund to pay benefits or purchase annuities during year .....	7e(1) 280767
	(2) Administration charge made by carrier.....	7e(2) -63310
	(3) Transferred to separate account .....	7e(3) 2837188
	(4) Other (specify below)..... ▶	7e(4) 0
(5) Total deductions .....	7e(5) 3054645	
<b>f</b>	Balance at the end of the current year (subtract line 7e(5) from line 7d).....	7f 5498034

**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. ▶



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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)

COMMONWEALTH EQUITY SERVICES DBA CO

29 SAWYER RD  
WALTHAM, MA 02453-3483

(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	57000	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)

COMPASS 360

118 PORTSMOUTH AVE  
SUITE D201  
STRATHAM, NH 03885

81-1939215

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13	CONTRACT ADMIN	27500	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 ADVISORY GROUP, LLC

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?
28	INVESTMENT MGMT	17464	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"/>

**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)

EMPOWER ANNUITY INSURANCE COMPANY

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	0	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"/>

(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

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<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 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>CELL SIGNALING TECHNOLOGY 401(K) 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>CELL SIGNALING TECHNOLOGY, INC.</b>	<b>D</b> Employer Identification Number (EIN) <b>04-3485744</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.

Assets	(a) Beginning of Year	(b) End of Year
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>	
<b>b</b> Receivables (less allowance for doubtful accounts):		
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	155238
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>	0
<b>(3)</b> Other .....	<b>1b(3)</b>	
<b>c</b> General investments:		
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	
<b>(3)</b> Corporate debt instruments (other than employer securities):		
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>	
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	
<b>(4)</b> Corporate stocks (other than employer securities):		
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>	
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>	
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>	
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>	
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	839403
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	
<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>	
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>	
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	137486440
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts).....	<b>1c(14)</b>	5498034
<b>(15)</b> Other.....	<b>1c(15)</b>	

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>		
(2) Employer real property.....	<b>1d(2)</b>		
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>		
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	122471267	143979115
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>		
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>		
<b>j</b> Other liabilities.....	<b>1j</b>		
<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>	122471267	143979115

**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>	4155362	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	7431380	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>	364951	
(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>		11951693
<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>		
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>		
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>		
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>		
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>	64414	
<b>(F)</b> Other.....	<b>2b(1)(F)</b>		
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		64414
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>		
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>		
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	6361319	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		6361319
(3) Rents.....	<b>2b(3)</b>		
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>		
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>		
<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>		
<b>(B)</b> Other.....	<b>2b(5)(B)</b>		
<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 .....	<b>2b(6)</b>		
(7) Net investment gain (loss) from pooled separate accounts .....	<b>2b(7)</b>		
(8) Net investment gain (loss) from master trust investment accounts .....	<b>2b(8)</b>		
(9) Net investment gain (loss) from 103-12 investment entities .....	<b>2b(9)</b>		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	<b>2b(10)</b>		10748258
<b>c</b> Other income .....	<b>2c</b>		
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	<b>2d</b>		29125684

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	<b>2e(1)</b>	7427870	
(2) To insurance carriers for the provision of benefits .....	<b>2e(2)</b>		
(3) Other .....	<b>2e(3)</b>		
(4) Total benefit payments. Add lines <b>2e(1)</b> through <b>(3)</b> .....	<b>2e(4)</b>		7427870
<b>f</b> Corrective distributions (see instructions) .....	<b>2f</b>		
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	<b>2g</b>		
<b>h</b> Interest expense .....	<b>2h</b>		
<b>i</b> Administrative expenses:			
(1) Salaries and allowances .....	<b>2i(1)</b>		
(2) Contract administrator fees .....	<b>2i(2)</b>	27500	
(3) Recordkeeping fees .....	<b>2i(3)</b>		
(4) IQPA audit fees .....	<b>2i(4)</b>		
(5) Investment advisory and investment management fees .....	<b>2i(5)</b>	74464	
(6) Bank or trust company trustee/custodial fees .....	<b>2i(6)</b>		
(7) Actuarial fees .....	<b>2i(7)</b>		
(8) Legal fees .....	<b>2i(8)</b>		
(9) Valuation/appraisal fees .....	<b>2i(9)</b>		
(10) Other trustee fees and expenses .....	<b>2i(10)</b>		
(11) Other expenses .....	<b>2i(11)</b>	88002	
(12) Total administrative expenses. Add lines <b>2i(1)</b> through <b>(11)</b> .....	<b>2i(12)</b>		189966
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	<b>2j</b>		7617836

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line <b>2j</b> from line <b>2d</b> .....	<b>2k</b>		21507848
<b>l</b> Transfers of assets:			
(1) To this plan .....	<b>2l(1)</b>		
(2) From this plan .....	<b>2l(2)</b>		

**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: **BDO USA, P.C.**

(2) EIN: **13-5381590**

**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:

**a** Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
<b>4a</b>	X		49007

**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.)

<b>4b</b>		X	
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**c** Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)

<b>4c</b>		X	
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**d** Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)

<b>4d</b>		X	
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**e** Was this plan covered by a fidelity bond?

<b>4e</b>	X		500000
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**f** Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?

<b>4f</b>		X	
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**g** Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?

<b>4g</b>		X	
-----------	--	---	--

**h** Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?

<b>4h</b>		X	
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**i** Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)

<b>4i</b>	X		
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**j** Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)

<b>4j</b>		X	
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**k** Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?

<b>4k</b>		X	
-----------	--	---	--

**l** Has the plan failed to provide any benefit when due under the plan?

<b>4l</b>		X	
-----------	--	---	--

**m** If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)

<b>4m</b>		X	
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**n** If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.

<b>4n</b>			
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**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>	OMB No. 1210-0110  <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>CELL SIGNALING TECHNOLOGY 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>CELL SIGNALING TECHNOLOGY, INC.</u>	<b>D</b> Employer Identification Number (EIN) <u>04-3485744</u>	

<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..... 

1		0
---	--	---

**2** Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):  
EIN(s): 13-3689044 84-0467907

**Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.**

**3** Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year..... 

3	
---	--

<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 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q703912A.

# Cell Signaling Technology 401(k) Plan

Financial Statements  
and ERISA-Required Supplemental Schedules  
Years Ended December 31, 2024 and 2023

## **Cell Signaling Technology 401(k) Plan**

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Financial Statements and ERISA-Required Supplemental Schedules  
Years Ended December 31, 2024 and 2023

# Cell Signaling Technology 401(k) Plan

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\* All other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA") have been omitted because they are not applicable.



## Independent Auditor's Report

To the Plan Administrator  
Cell Signaling Technology 401(k) Plan  
Danvers, Massachusetts

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

We have performed audits of the financial statements of Cell Signaling Technology 401(k) Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C). 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 the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under ERISA ("ERISA Section 103(a)(3)(C) audit"). As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan ("investment information") by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency ("qualified institution"), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained certifications from qualified institutions 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 the procedures performed as described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report:

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

### ***Basis for Opinion***

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

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

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

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

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

### ***Auditor’s Responsibilities for the Audit of the Financial Statements***

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

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the 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 GAAP.

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

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

***Other Matter - Supplemental Schedules Required by ERISA***

The supplemental schedules, Form 5500 - Schedule H, Part IV, Line 4(a) - Schedule of Delinquent Participant Contributions, for the year ended December 31, 2024, and Form 5500 - Schedule H, Part IV, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2024, are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion

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

BDO USA, P.C.

July 30, 2025

## Financial Statements

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**Cell Signaling Technology 401(k) Plan**  
**Statements of Net Assets Available for Benefits**

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<i>December 31,</i>	<b>2024</b>	<b>2023</b>
<b>Assets</b>		
<b>Investments, at fair value:</b>		
Mutual funds	\$ 137,486,440	\$ 116,617,492
<b>Investments, at contract value:</b>		
Guaranteed insurance contracts	5,498,034	5,098,893
<b>Employer Contribution Receivable</b>	<b>155,238</b>	<b>-</b>
<b>Notes Receivable from Participants</b>	<b>839,403</b>	<b>754,882</b>
<b>Net Assets Available for Benefits</b>	<b>\$ 143,979,115</b>	<b>\$ 122,471,267</b>

*See accompanying notes to financial statements.*

**Cell Signaling Technology 401(k) Plan**  
**Statements of Changes in Net Assets Available for Benefits**

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<i>Years ended December 31,</i>	<b>2024</b>	<b>2023</b>
<b>Additions:</b>		
<b>Investment Income:</b>		
Net appreciation in fair value of investments	\$ 10,748,258	\$ 13,439,417
Interest and dividends	6,361,319	3,814,087
<b>Total Investment Income</b>	<b>17,109,577</b>	<b>17,253,504</b>
<b>Interest Income on Notes Receivable from Participants</b>	<b>64,414</b>	<b>45,741</b>
<b>Contributions:</b>		
Employee	7,431,380	7,023,026
Employer	4,155,362	3,758,033
Rollovers	364,951	1,429,050
<b>Total Contributions</b>	<b>11,951,693</b>	<b>12,210,109</b>
<b>Total Additions</b>	<b>29,125,684</b>	<b>29,509,354</b>
<b>Deductions:</b>		
Distributions to participants	7,427,870	6,236,087
Administrative expenses	189,966	170,048
<b>Total Deductions</b>	<b>7,617,836</b>	<b>6,406,135</b>
<b>Net Increase</b>	<b>21,507,848</b>	<b>23,103,219</b>
<b>Net Assets Available for Benefits, beginning of year</b>	<b>122,471,267</b>	<b>99,368,048</b>
<b>Net Assets Available for Benefits, end of year</b>	<b>\$ 143,979,115</b>	<b>\$ 122,471,267</b>

*See accompanying notes to financial statements.*

# Cell Signaling Technology 401(k) Plan

## Notes to Financial Statements

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### 1. Description of the Plan

The following brief description of the Cell Signaling Technology 401(k) Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the Plan’s agreement for more complete information.

#### *General*

The Plan was adopted effective October 1, 1999, as a defined contribution plan. All covered employees of Cell Signaling Technology, Inc. (the “Company”) may participate in the Plan upon reaching the age of 21. Eligible employees may begin participation in the Plan immediately upon hire date and attainment of 21 years of age. The Plan automatically enrolls eligible employees with a deferral of 6% of their pre-tax eligible compensation. The Plan allows auto escalation of employee deferrals. Employee deferral rates will increase by 1% on the first day of each plan year up to a maximum of 15% of eligible compensation.

#### *Contributions*

Participants may elect to contribute up to 100% of their eligible compensation, and up to 100% of any bonus compensation, not to exceed certain Internal Revenue Code (“IRC”) limitations. The Plan also allows a covered employee to roll over a distribution from another qualified plan. The Plan provides for discretionary matching contributions by the Company. The Company made matching contributions to the Plan equal to 100% of the participant’s contribution up to 6% of eligible compensation contributed to the Plan during 2024 and 2023.

#### *Participant Accounts*

Each participant's account is credited with the participant's contributions as well as any company discretionary matching contributions, as well as an allocation of investment earnings (losses), and administrative expenses. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

#### *Vesting and Forfeitures*

Participants are immediately vested in their voluntary contributions plus the actual earnings thereon. The Plan allows for immediate vesting of employer matching contributions.

Prior to May 1, 2017, any nonvested portion of employer contributions was forfeited as of a participant’s termination date and were used to pay for plan expenses or to reduce future employer contributions. The Plan used \$-0- to reduce employer contributions during 2024 and 2023. As of December 31, 2024 and 2023, the remaining forfeiture account was \$-0- and \$2,917, respectively.

#### *Distributions*

All distributions are to be made in a single lump-sum payment or rollover to an IRA or other qualified plan. The value of the account balance to be distributed shall be determined as of the normal valuation date that immediately follows the event giving rise to the distribution, unless a valuation of the account balance as of the date of the distribution is available. The Plan provides for the automatic distribution of a participant’s account balance upon termination of employment if the participant’s account balance is less than \$1,000. Withdrawals for hardship (as defined in the Plan)

# Cell Signaling Technology 401(k) Plan

## Notes to Financial Statements

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and upon attainment of age 59 ½ are permitted by the Plan provided the participant is still employed by the Company at the time. Also, participants may, while still employed by the Company, elect to withdraw all or part of their rollover accounts.

### ***Notes Receivable from Participants***

Participants are permitted to borrow from their account balance. Each loan shall bear interest at a rate determined by the plan administrator. The maximum loan amount is 50% of the participant's vested account balance up to \$50,000. The minimum loan amount is \$1,000 and participants may have only one loan outstanding at any time. Loans are repayable over a period of up to five years unless the monies are used for the purchase of a principal residence. Principal and interest is paid ratably through payroll deductions.

Notes receivable from participants are stated 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. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

## **2. Summary of Accounting Policies**

### ***Basis of Accounting***

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

### ***Investment Valuation and Income Recognition***

Except for the guaranteed insurance contracts, the investments of the Plan are reported at fair value. The fair value of a financial instrument is the amount 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.

Shares held in mutual funds are traded on national securities exchanges and valued at the net asset value as of December 31, 2024 and 2023.

The Plan has a guaranteed insurance contract fund, the Key Guaranteed Portfolio Fund, with Empower Annuity Insurance Company of America. The fund contracts are fully benefit-responsive investment contracts. The investment fund is stated at contract value, which represents net contributions plus interest at the contract rate less participant withdrawals and administrative expenses. Contract value is the relevant measurement because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. Amounts allocated to the fixed fund are held in funds offered through Empower Annuity Insurance Company of America's general account. The contract issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. The methodology for calculating the interest crediting rate is based on the earnings of the underlying assets in the portfolio compared to the minimum interest crediting rate, as stated in the contract, and prevailing market conditions. Interest crediting rate is reset quarterly. Average yield for the fund was 1.66% in 2024 and 1.48% in 2023.

# Cell Signaling Technology 401(k) Plan

## Notes to Financial Statements

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Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value. There are no reserves against contract value for credit risk of the contract issuer or otherwise. Certain events limit the ability of the Plan to transact at contract value with Empower Annuity Insurance Company of America. No events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuers and that also would limit the ability of the plan to transact at contract value with the participants.

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

### *Use of Estimates*

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

### *Benefit Payments*

Benefit payments are recorded when paid.

### *Administrative Expenses*

Administrative and transactional costs related to the operation of the Plan are paid by the Plan. Certain administrative expenses are also paid by the plan sponsor. Expenses that are paid by the plan sponsor are excluded from these financial statements. Fees related to distributions and the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation or depreciation in fair value of investments.

### *Subsequent Events*

The Plan evaluated all events and transactions that occurred after December 31, 2024 through July 30, 2025, the date these financial statements were available to be issued.

## **3. Certified Investments**

The plan administrator has elected the method of annual reporting compliance permitted by Employee Retirement Income Security Act of 1974 ("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. Accordingly, Empower Trust Company LLC and Empower Annuity Insurance Company of America, qualified institutions, have certified that the following investment information included in the accompanying financial statements and ERISA-required supplemental schedule is complete and accurate:

- Investments and notes receivable from participants as shown in the statements of net assets available for benefits as of December 31, 2024 and 2023.

# Cell Signaling Technology 401(k) Plan

## Notes to Financial Statements

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- Investment appreciation, interest and dividends, and interest income on notes receivable from participants as shown in the statements of changes in net assets available for benefits for the years ended December 31, 2024 and 2023.
- Investment information included in the Form 5500 Schedule H, Part IV, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2024, as shown on the ERISA-required supplemental schedule.

At the request of the plan administrator, the Plan's independent auditors did not perform auditing procedures with respect to this certified investment information, except for comparing such certified investment information to the related investment information included in the financial statements and ERISA-required supplemental schedule.

### 4. Fair Value Measurement

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 Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 820 are described as follows:

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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.
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Level 2	Inputs to the valuation methodology include: <ul style="list-style-type: none"><li>• quoted prices for similar assets or liabilities in active markets.</li><li>• quoted prices for identical or similar assets or liabilities in inactive markets.</li><li>• inputs other than quoted prices that are observable for the asset or liability.</li><li>• inputs that are derived principally from or corroborated by observable market data by correlation or other means.</li></ul>
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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.

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Level 3	Inputs to the valuation methodology are unobservable and significant to the fair value measurement.
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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 used need to maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

The methods described in Note 2 may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes that its valuation methods are appropriate and consistent with those of other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

# Cell Signaling Technology 401(k) Plan

## Notes to Financial Statements

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The following tables set forth by level within the fair value hierarchy the Plan's investment assets at fair value. As required by ASC Topic 820, assets are classified in their entirety based on the lowest level of input that is significant to the fair value measurement.

<i>December 31, 2024</i>	Investment Assets			Total
	Level 1	Level 2	Level 3	
Mutual funds	\$ 137,486,440	\$ -	\$ -	\$ 137,486,440

<i>December 31, 2023</i>	Investment Assets			Total
	Level 1	Level 2	Level 3	
Mutual funds	\$ 116,617,492	\$ -	\$ -	\$ 116,617,492

### 5. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of a partial or complete termination of the Plan, the right of each affected participant to the amounts credited to the participant's account will be nonforfeitable and the value of the participant's accounts will be paid in accordance with the provisions of the Plan.

### 6. Party-in-Interest Transactions

Certain plan investments are funds managed by Empower Trust Company, LLC and Empower Annuity Insurance Company of America, therefore, these transactions qualify as party-in-interest transactions. Certain employees of the Company who participate in the Plan, perform administrative services to the Plan at no cost to the Plan. Notes receivable from participants also qualify as party-in-interest transactions.

The Plan received revenue credits which can be used to pay plan expenses or can be allocated to eligible plan participants as defined in the agreement. Revenue credits available at December 31, 2024 and 2023, are \$396,248 and \$318,663, respectively.

### 7. Tax Status

The Plan has adopted the CCH Incorporated, DBA ftwilliam.com Pre-Approved Profit Sharing Plan which received an opinion letter from the Internal Revenue Service dated June 30, 2020, stating that the plan document is qualified under Section 401(a) of the IRC. Once qualified, the Plan is required to operate in conformity with the IRC to maintain its qualification. Although the Plan has been amended since the date of the letter, the Plan's administrator believes the Plan is currently designed and being operated in compliance with the IRC and that the Plan continues to be tax-exempt. Therefore, no provision for income taxes has been recorded.

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 Internal Revenue Service. The plan administrator has analyzed the tax positions taken by the

# Cell Signaling Technology 401(k) Plan

## Notes to Financial Statements

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Plan and has concluded that as of December 31, 2024, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

### **8. Risks and Uncertainties**

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. Due to the level of risk associated with certain investments, 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.

### **9. Prohibited Transactions**

The Company determined that certain remittances of employee deferrals for the plan year ended December 31, 2024, were not made timely in accordance with DOL guidelines. Under ERISA regulations, late remittances of plan contributions are considered prohibited transactions. During the year ended December 31, 2024, a total of \$49,007 of employee contributions were remitted to the Plan after the ERISA requirement. To ensure that employee plan contributions are deposited in accordance with ERISA requirements, the Company has reviewed its internal processes and strengthened internal controls around the remittance of employee contributions to the Plan.

## Cell Signaling Technology 401(k) Plan

### Form 5500 - Schedule H, Part IV, Line 4(a) - Schedule of Delinquent Participant Contributions

EIN: 04-3485744  
Plan Number: 001

*Year ended December 31, 2024*

Plan Year	Participant Contributions Transferred Late to Plan	Date Withheld	Check Here if Late Participant Loan Repayments are Included	Total that Constitute Nonexempt Prohibited Transactions			Contributions Pending Correction in VFCP*	Total Fully Corrected Under VFCP* and PTE** 2002-51
				Contributions Not Corrected	Contributions Corrected Outside VFCP*	Contributions Corrected		
2024	\$ 49,007	1/19/2024		\$ -	\$ 49,007	\$ -	\$ -	

\* Voluntary Fiduciary Correction Program (DOL)

\*\* Prohibited Transaction Exemption (DOL)

## Cell Signaling Technology 401(k) Plan

### Form 5500 - Schedule H, Part IV, Line 4(i) - Schedule of Assets (Held at End of Year)

EIN: 04-3485744  
Plan Number: 001

December 31, 2024

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment, Including Maturity Date, Rate of Interest Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
	VANGUARD 500 INDEX ADMIRAL	Mutual Funds	a	\$19,826,659
	VANGUARD TARGET RETIREMENT 2035 INV	Mutual Funds	a	12,276,547
	VANGUARD TARGET RETIREMENT 2045 INV	Mutual Funds	a	11,103,474
	PUTNAM DYNAMIC ASSET ALLOCATION GR R6	Mutual Funds	a	9,157,390
	MFS GROWTH R6	Mutual Funds	a	7,448,456
	VANGUARD SMALL CAP INDEX ADM	Mutual Funds	a	6,762,740
	VANGUARD TARGET RETIREMENT 2055 INV	Mutual Funds	a	6,435,236
	VANGUARD TARGET RETIREMENT 2050 INV	Mutual Funds	a	6,326,779
	VANGUARD TARGET RETIREMENT 2040 INV	Mutual Funds	a	5,613,346
	MFS VALUE R6	Mutual Funds	a	5,374,021
	PIMCO INCOME INSTL	Mutual Funds	a	5,154,829
	VANGUARD TARGET RETIREMENT 2060 INV	Mutual Funds	a	4,598,208
	AMERICAN FUNDS EUROPACIFIC GR R6	Mutual Funds	a	4,309,040
	VANGUARD TARGET RETIREMENT 2025 INV	Mutual Funds	a	4,203,800
	FIDELITY ADVISOR TOTAL BOND Z	Mutual Funds	a	4,189,789
	VANGUARD TARGET RETIREMENT 2030 INV	Mutual Funds	a	3,972,372
	PUTNAM DYNAMIC ASSET ALLOCATION BAL R6	Mutual Funds	a	3,655,845
	VANGUARD MID CAP INDEX ADM	Mutual Funds	a	2,951,925
	VANGUARD TOTAL INTL STOCK INDEX ADMIRAL	Mutual Funds	a	2,405,854
	VICTORY SYCAMORE ESTABLISHED VALUE R6	Mutual Funds	a	2,073,580
	JANUS HENDERSON ENTERPRISE N	Mutual Funds	a	1,917,017
	VANGUARD REAL ESTATE INDEX ADMIRAL	Mutual Funds	a	1,535,411
	BLACKROCK HIGH YIELD PORTFOLIO K	Mutual Funds	a	1,137,247
	PARNASSUS CORE EQUITY - INST	Mutual Funds	a	852,711
	VANGUARD TARGET RETIREMENT 2020 INV	Mutual Funds	a	715,845
	FIDELITY ADVISOR HEALTH CARE I	Mutual Funds	a	691,891
	VANGUARD EXPLORER ADM	Mutual Funds	a	543,972
	AMERICAN FUNDS NEW WORLD R6	Mutual Funds	a	542,150
	IMPAX SUSTAINABLE ALLOC INST	Mutual Funds	a	536,152
	VANGUARD TARGET RETIREMENT INCOME INV	Mutual Funds	a	514,773
	PIMCO INT BOND (USD-HEDGED) INST	Mutual Funds	a	249,644
	BROWN ADVISORY SUSTAINABLE GROWTH I	Mutual Funds	a	176,338
	CALVERT GLOBAL WATER I	Mutual Funds	a	150,272
	PUTNAM DYNAMIC ASSET ALLOCATION CNSRV R6	Mutual Funds	a	71,000
	CALVERT INTERNATIONAL EQUITY I	Mutual Funds	a	12,127
*	KEY GUARANTEED PORTFOLIO FUND	Fixed Annuities	a	5,498,034
<b>Total Investments</b>				<b>142,984,474</b>
*	<b>Notes Receivable from Participants</b>	Interest rates of 4.11% to 10.50%	-	<b>839,403</b>
<b>Total</b>				<b>\$143,823,877</b>

\* - Represents a party-in-interest to the Plan as defined by ERISA.

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