

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... [X] a single-employer plan [] a DFE... B This return/report is: [] the first return/report [] the final return/report... C If the plan is a collectively-bargained plan... D Check box if filing under: [] Form 5558 [] automatic extension... E If this is a retroactively adopted plan...

Part II Basic Plan Information—enter all requested information

1a Name of plan: AMERICAN SOCIETY FOR MICROBIOLOGY DC RETIREMENT PLAN
1b Three-digit plan number (PN): 003
1c Effective date of plan: 01/01/1976
2a Plan sponsor's name (employer, if for a single-employer plan): AMERICAN SOCIETY FOR MICROBIOLOGY
2b Employer Identification Number (EIN): 38-1616141
2c Plan Sponsor's telephone number: 202-737-3600
2d Business code (see instructions): 611000

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 entries for Christopher Decesaris and fields for employer/plan sponsor and DFE.

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

Form 5500 (2024) v. 240311

3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	3b Administrator's EIN
	3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN
	4d PN

5 Total number of participants at the beginning of the plan year	5	433
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6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		
	6a(1)	173
	6a(2)	174
	6b	0
	6c	251
	6d	425
	6e	1
	6f	426
	6g(1)	429
	6g(2)	412
	6h	0

7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7	
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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:
2L 2G 2S 2T 2M 3D

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

9a Plan funding arrangement (check all that apply) (1) <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	9b 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)

a Pension Schedules

(1) **R** (Retirement Plan Information)

(2) **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary

(3) **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

(4) **DCG** (Individual Plan Information) – Number Attached _____

(5) **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

(1) **H** (Financial Information)

(2) **I** (Financial Information – Small Plan)

(3) **A** (Insurance Information) – Number Attached 1

(4) **C** (Service Provider Information)

(5) **D** (DFE/Participating Plan Information)

(6) **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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 _____

**SCHEDULE A
(Form 5500)**

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation

Insurance Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2024

This Form is Open to Public Inspection

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

A Name of plan AMERICAN SOCIETY FOR MICROBIOLOGY DC RETIREMENT PLAN		B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN SOCIETY FOR MICROBIOLOGY		D Employer Identification Number (EIN) 38-1616141

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

TIAA-CREF

(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
13-1624203	69345	346400	406	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	

Part II	Investment and Annuity Contract Information	
	Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.	
4	Current value of plan's interest under this contract in the general account at year end	16674162
5	Current value of plan's interest under this contract in separate accounts at year end.....	38525308
6	Contracts With Allocated Funds:	
a	State the basis of premium rates ▶	
b	Premiums paid to carrier	6b
c	Premiums due but unpaid at the end of the year	6c
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d
e	Type of contract: (1) <input type="checkbox"/> individual policies (2) <input type="checkbox"/> group deferred annuity (3) <input type="checkbox"/> other (specify) ▶	
f	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ <input type="checkbox"/>	
7	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)	
a	Type of contract: (1) <input type="checkbox"/> deposit administration (2) <input type="checkbox"/> immediate participation guarantee (3) <input checked="" type="checkbox"/> guaranteed investment (4) <input type="checkbox"/> other ▶	
b	Balance at the end of the previous year	7b 16611705
c	Additions: (1) Contributions deposited during the year	7c(1) 750406
	(2) Dividends and credits.....	7c(2)
	(3) Interest credited during the year.....	7c(3) 752380
	(4) Transferred from separate account	7c(4) 1895443
	(5) Other (specify below)..... ▶ PLAN SERVICING CREDIT, LOAN ISSUED, LOAN INTEREST & PRINCIPAL PAYMENTS	7c(5) 50127
	(6) Total additions	7c(6) 3448356
d	Total of balance and additions (add lines 7b and 7c(6))	7d 20060061
e	Deductions:	
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1) 1917509
	(2) Administration charge made by carrier.....	7e(2)
	(3) Transferred to separate account	7e(3) 1467615
	(4) Other (specify below)..... ▶ FEES	7e(4) 775
(5) Total deductions	7e(5) 3385899	
f	Balance at the end of the current year (subtract line 7e(5) from line 7d).....	7f 16674162

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

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

A Name of plan AMERICAN SOCIETY FOR MICROBIOLOGY DC RETIREMENT PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN SOCIETY FOR MICROBIOLOGY	D Employer Identification Number (EIN) 38-1616141	

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

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

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

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13-1624203

(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 65	RECORDKEEPER	28369	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input type="checkbox"/> No <input checked="" 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.

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

A Name of plan <u>AMERICAN SOCIETY FOR MICROBIOLOGY DC RETIREMENT PLAN</u>	B Three-digit plan number (PN)	<u>003</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN SOCIETY FOR MICROBIOLOGY</u>	D Employer Identification Number (EIN) <u>38-1616141</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE:	<u>TIAA REAL ESTATE</u>		
b Name of sponsor of entity listed in (a):	<u>TIAA-CREF</u>		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
<u>13-1624203-004</u>	<u>P</u>		<u>1189589</u>
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

c EIN-PN

d Entity code

e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
A Name of plan AMERICAN SOCIETY FOR MICROBIOLOGY DC RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN SOCIETY FOR MICROBIOLOGY	D Employer Identification Number (EIN) 38-1616141

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

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

		(a) Beginning of Year	(b) End of Year
Assets			
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	43581
(2) Participant contributions	1b(2)	0	33393
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	134687	137015
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	1481714	1189589
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	51816846	55854897
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	16611705	16674162
(15) Other.....	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)		
(2) Employer real property.....	1d(2)		
e Buildings and other property used in plan operation.....	1e		
f Total assets (add all amounts in lines 1a through 1e).....	1f	70044952	73932637
Liabilities			
g Benefit claims payable.....	1g		
h Operating payables.....	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j		
k Total liabilities (add all amounts in lines 1g through 1j).....	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f).....	1l	70044952	73932637

Part II Income and Expense Statement

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

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers.....	2a(1)(A)	1222278	
(B) Participants.....	2a(1)(B)	1394441	
(C) Others (including rollovers).....	2a(1)(C)	1628708	
(2) Noncash contributions.....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		4245427
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)		
(B) U.S. Government securities.....	2b(1)(B)		
(C) Corporate debt instruments.....	2b(1)(C)		
(D) Loans (other than to participants).....	2b(1)(D)		
(E) Participant loans.....	2b(1)(E)	8204	
(F) Other.....	2b(1)(F)	752380	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		760584
(2) Dividends:			
(A) Preferred stock.....	2b(2)(A)		
(B) Common stock.....	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	684200	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		684200
(3) Rents.....	2b(3)		
(4) Net gain (loss) on sale of assets:			
(A) Aggregate proceeds.....	2b(4)(A)		
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result.....	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets:			
(A) Real estate.....	2b(5)(A)		
(B) Other.....	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-56244
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		6668393
c Other income	2c		46613
d Total income. Add all income amounts in column (b) and enter total	2d		12348973

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	7027055	
(2) To insurance carriers for the provision of benefits	2e(2)	1406090	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		8433145
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)	28143	
(3) Recordkeeping fees	2i(3)		
(4) IQPA audit fees	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		28143
j Total expenses. Add all expense amounts in column (b) and enter total	2j		8461288

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		3887685
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: SMITH & HOWARD, P.C.

(2) EIN: 58-1250486

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

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

Part IV Compliance Questions

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

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	X		336
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

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

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) Yes No Not determined
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A Name of plan <u>AMERICAN SOCIETY FOR MICROBIOLOGY DC RETIREMENT PLAN</u>	B Three-digit plan number (PN)	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN SOCIETY FOR MICROBIOLOGY</u>	D Employer Identification Number (EIN) <u>38-1616141</u>	

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

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....

1	0
---	---

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):
 EIN(s): 82-2826183

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

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

3	
---	--

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

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

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

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a	
b Enter the amount contributed by the employer to the plan for this plan year	6b	
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c	

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

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

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

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

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

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

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... Yes No

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

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

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

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

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

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

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

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

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

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

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

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

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

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

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

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

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

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

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

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

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

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

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

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

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

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

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

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

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

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

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

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

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

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

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

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

a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

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

a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	

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

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

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

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

a Enter the percentage of plan assets held as:
 Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%
 High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:
 0-5 years 5-10 years 10-15 years 15 years or more

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

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

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
 Yes.
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
 No. Other. Provide explanation: _____

Part VII IRS Compliance Questions

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

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 08 / 07 / 2017 (MM/DD/YYYY) and the Opinion Letter serial number J600957A.

American Society for Microbiology DC Retirement Plan

Financial Statements and Supplemental Schedules

Including Independent Auditor's Report

As of December 31, 2024 and 2023

and for the Year Ended December 31, 2024

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Independent Auditor's Report

To the Plan Administrator of American Society for Microbiology DC Retirement Plan

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

We were engaged to perform audits of the financial statements of American Society for Microbiology DC Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits for the year ended December 31, 2024, and the related notes to the financial statements.

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

Management has obtained certifications from a qualified institution as of December 31, 2024 and 2023, and for the year ended December 31, 2024, stating that the certified investment information, as described in Note 5 to the financial statements, is complete and accurate.

Disclaimer of Opinion

We do not express an opinion on the accompanying financial statements of American Society for Microbiology DC Retirement Plan. Because of the significance of the matters described in the Basis for Disclaimer of Opinion section of our report, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on the financial statements.

Basis for Disclaimer of Opinion

American Society for Microbiology DC Retirement Plan has not maintained sufficient accounting records and supporting documents relating to certain annuity contracts and custodial accounts issued to current and former employees prior to January 1, 2009. Accordingly, we were unable to apply auditing procedures sufficient to determine the extent to which the accompanying financial statements may have been affected by these conditions.

Further, as described in Note 2 to the financial statements, the American Society for Microbiology DC Retirement Plan has excluded from investments in the accompanying statements of net assets available for benefits certain annuity contracts and custodial accounts issued to current and former employees prior to January 1, 2009, as permitted by the Department of Labor's Field Assistance Bulletin No. 2009-02, *Annual Reporting Requirements for 403(b) Plans*. The investment income and distributions related to such contracts and accounts also have been excluded in the accompanying statement of changes in net assets available for benefits. The amount of these excluded annuity contracts and custodial accounts and the related income and distributions are not reasonably determinable. Accounting principles generally accepted in the United States of America require that these contracts and accounts and the related income and distributions be included in the accompanying financial statements.

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 American Society for Microbiology DC Retirement Plan's ability to continue as a going concern for at least one year following the date that the financial statements are available to be issued.

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

Auditor's Responsibilities for the Audit of the Financial Statements

Our responsibility is to conduct an audit of American Society for Microbiology DC Retirement Plan's financial statements in accordance with auditing standards generally accepted in the United States of America and to issue an auditor's report. However, because of the matters described in the Basis for Disclaimer of Opinion section of our report, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on these financial statements.

We are required to be independent of American Society for Microbiology DC Retirement Plan, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit.

Other Matter - Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule H, Line 4a - Schedule of Delinquent Participant Contributions and Schedule H, line 4i - Schedule of Assets (Held at End of Year), as of and for the year ended 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. Because of the significance of the matters described in the Basis for Disclaimer of Opinion section of our report, it is inappropriate to and we do not express an opinion on the supplemental schedules referred to above.

Smith and Howard

Atlanta, GA
June 30, 2025

American Society for Microbiology DC Retirement Plan
 Statements of Net Assets Available for Benefits
 As of December 31, 2024 and 2023

	2024	2023
Assets		
Investments		
Investments at fair value	\$67,922,034	\$ 64,711,955
Investments at contract value	5,796,614	5,198,310
Total investments	73,718,648	69,910,265
Receivables		
Participant contributions	33,393	-
Employer contributions	43,581	-
Notes receivable from participants	137,015	134,687
Total receivables	213,989	134,687
Total assets	73,932,637	70,044,952
Net assets available for benefits	\$73,932,637	\$70,044,952

See accompanying notes to the financial statements.

American Society for Microbiology DC Retirement Plan
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2024

	2024
Additions	
Investment income	
Interest and dividends	\$ 1,473,562
Net appreciation in fair value of investments	6,621,780
Total investment income	8,095,342
Interest income on notes receivable from participants	8,204
Contributions	
Participant contributions	1,394,441
Employer contributions	1,222,278
Rollovers	1,628,708
Total contributions	4,245,427
Total additions	12,348,973
Deductions	
Benefits paid to participants	8,433,145
Administrative expenses	28,143
Total deductions	8,461,288
Net increase (decrease)	3,887,685
Net assets available for benefits	
Beginning of year	70,044,952
End of year	\$73,932,637

See accompanying notes to the financial statements.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

1. Description of Plan

The following description of the American Society for Microbiology DC Retirement Plan (the Plan) provides only general information. Participants should refer to the plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan established effective January 1, 1976, as restated January 1, 2020. The Plan covers all employees, excluding employees who normally work less than 20 hours per week, of American Society for Microbiology (the Organization). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). The Plan Committee is responsible for oversight of the Plan, determines the appropriateness of the Plan's investment offerings, and monitors investment performance.

Contributions

Each year, participants may contribute a percentage of pretax annual compensation, as defined in the plan document, up to the maximum limits of the Internal Revenue Code (IRC). Participants also may designate all or a portion of their deferral contributions as after-tax contributions into a Roth account. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants also may contribute amounts representing distributions from other qualified defined benefit or defined contribution plans (rollover). Participants direct the investment of their contributions into various investment options offered by the Plan. The Plan includes an automatic enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 3 percent of eligible compensation and their contributions invested in a designated balanced fund until changed by the participant. Automatically enrolled participants will have their deferral rate increase by 1 percent on the anniversary of their enrollment date until their deferral rate reaches 7 percent.

Additional discretionary amounts may be contributed by the Organization at the option of the Plan Committee. For the year ended December 31, 2024, the Organization approved a \$1,222,278 discretionary contribution to the Plan. Employees who are age 21 or older are eligible to receive employer discretionary contributions upon completion of at least two years of service. A year of service is a 12-month period during which an employee completes 1,000 or more hours of service. Contributions are subject to certain Internal Revenue Service (IRS) limitations.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

1. Description of Plan (Continued)

Participant accounts

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

Vesting

Participants are vested immediately in their contributions and the Organization's contributions plus actual earnings thereon.

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 percent of their vested account balance. The loans are secured by the balance in the participant's account. The loan interest rate, determined quarterly, is set at 1 percent above the prime rate, as defined. Principal and interest are paid directly to the certifying entity. Terms range up to 5 years or greater for the purchase of a primary residence.

Payment of benefits

On termination of service due to death, disability, or retirement, a participant may elect to receive either a lump sum amount equal to the value of the participant's vested interest in his or her account, or installment payments as provided in the plan document. For termination of service due to other reasons, a participant may receive the value of the vested interest in his or her account as a lump sum distribution. If a terminated participant's vested balance is less than or equal to \$5,000, the amount may be automatically distributed in the form of a lump sum rollover. In addition, the Plan allows for hardship distributions if certain criteria are met.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

2. Summary of Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting. The Plan follows accounting standards set by the Financial Accounting Standards Board (FASB). The FASB sets accounting principles generally accepted in the United States of America. The Plan has not maintained sufficient accounting records and supporting documents relating to certain annuity contracts and custodial accounts issued to current and former employees prior to January 1, 2009. Accordingly, the Plan has excluded such annuity contracts and custodial accounts from investments in the accompanying statements of net assets available for benefits, as permitted by the Department of Labor's Field Assistance Bulletin No. 2009-02, "Annual Reporting Requirements for 403(b) Plans." The investment income and distributions related to such annuity contracts and custodial accounts also have been excluded from the accompanying statement of changes in net assets available for benefits. U.S. GAAP requires that these annuity contracts and custodial accounts and the related income and distributions be included in the accompanying financial statements. The amount of these excluded annuity contracts and custodial accounts and the related income and distributions are not reasonably determinable.

Use of Estimates

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

Reclassification

Certain amounts as reported in the 2023 financial statements have been reclassified to conform with the 2024 presentation.

Investment Valuation and Income Recognition

Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's investment committee determines the Plan's valuation policies utilizing information provided by the investment advisers, custodians and insurance company, as applicable. See Note 3 for discussion of fair value measurements.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

2. Summary of Accounting Policies (Continued)

The Plan's investments in fully benefit-responsive investment contracts are reported at contract value. Contract value is the relevant measure for the portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan.

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

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed as incurred.

Contributions

Contributions from Plan participants and employer discretionary contributions paid to the Plan are recorded in the year in which the employee contributions are withheld from compensation.

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 Organization. Expenses that are paid by the Organization are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation (depreciation) in fair value of investments.

Subsequent Events

Subsequent events were evaluated through June 30, 2025, the date the financial statements were available to be issued.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

3. Fair Value Measurements

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

Level 1 - Inputs to the valuation technique 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 technique include:

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

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

Level 3 - Inputs to the valuation technique 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.

Following is a description of the valuation techniques used for assets measured at fair value. There have been no changes in the techniques 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 U.S Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

3. Fair Value Measurements (Continued)

Pooled separate accounts valued at readily determinable fair value (RDFV): Units held in the pooled separate account (PSA) are valued at NAV based on the fair market value of the underlying investments of the account less its liabilities. The PSA holds between 15% and 25% of its net assets in investments other than real estate and real estate related investments, comprised of publicly traded, liquid investments. Determination of fair value of the real estate assets involves significant judgement. Valuation of the PSA's real estate properties are based on real estate appraisals, which are estimates of property values based on a professional's opinion and may not be an accurate predictor of the amount the PSA would actually receive if it sold a property. Appraisals can be subjective in certain respects and rely on a variety of assumptions (including comparable property sales and historic pricing) and conditions at that property or in the market in which the property is located, which may change materially after the appraisal is conducted. Among other things, market prices for comparable real estate may be volatile, in particular if there has been a lack of recent transaction activity in such market.

As the PSA generally obtains appraisals on a quarterly basis, there may be circumstances in the period between appraisals or interim valuation adjustments in which the true realizable value of a property is not reflected in the PSA's daily NAV calculation or in the PSA's periodic financial statements. This disparity may be more apparent when the commercial and/or residential real estate markets experience an overall and possibly dramatic decline (or increase) in property values in a relatively short period of time between appraisals.

The PSA is a separate account of the TIAA Traditional Annuity contract. The PSA provides participants with a liquidity guarantee enabling the account to have funds available to meet participant redemption, transfer or cash withdrawals. TIAA-CREF guarantees that participants can redeem their accumulation unit value determined after their transfer or cash withdrawal request is received in good order. This guarantee qualifies the PSA for inclusion in the Plan's investment options.

Investment contracts at fair value: The non-fully benefit responsive (NFBR) fixed annuity contract, composed entirely of the TIAA Traditional Annuity Contract, is reported at contract value, which approximates fair value. Fair value is determined using a discounted cash flow model. The contract value equals the accumulated cash contributions and interest credited to the Plan's contract, less withdrawals. The TIAA Traditional Annuity Contract is not available for sale or transfer on any securities exchange. The fixed annuity contract is subject to various restrictions.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

3. Fair Value Measurements (Continued)

Other registered investments: These separate accounts are registered investments that invest principally in equity securities, fixed-income instruments and short-term investments in accordance with each portfolio's investment objectives. Units held in the registered investments are valued at the NAV. The NAV is measured based on the fair value of the underlying investments held by the fund less its liabilities. The fair value of the underlying investments are determined using market quotations or prices obtained from independent pricing sources that may employ various pricing methods to value the investments, including matrix pricing. Money market account holdings are generally valued at amortized cost. On a daily basis, units in the registered investments are revalued to reflect performance of the underlying investments minus fees and charges.

The following table sets 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	\$26,915,540	\$ -	\$ -	\$26,915,540
Pooled separate accounts valued at RDFV	-	1,189,589	-	1,189,589
Investment contracts at fair value	-	-	10,877,548	10,877,548
Other investments	28,939,357	-	-	28,939,357
Total assets in the fair value hierarchy	55,854,897	1,189,589	10,877,548	67,922,034
Total investments at fair value	\$55,854,897	\$ 1,189,589	\$10,877,548	\$67,922,034

Assets at Fair Value as of December 31, 2023	Level 1	Level 2	Level 3	Total
Mutual funds	\$24,833,810	\$ -	\$ -	\$24,833,810
Pooled separate accounts valued at RDFV	-	1,481,714	-	1,481,714
Investment contracts at fair value	-	-	11,413,395	11,413,395
Other investments	26,983,036	-	-	26,983,036
Total assets in the fair value hierarchy	51,816,846	1,481,714	11,413,395	64,711,955
Total investments at fair value	\$51,816,846	\$ 1,481,714	\$11,413,395	\$64,711,955

Changes in Fair Value of Level 3 Assets

Purchases of the Plan's level 3 investments totaled \$1,618,053 during the year ended December 31, 2024.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

3. Fair Value Measurements (Continued)

Quantitative Information about Significant Unobservable Inputs Used in Level 3 Fair Value Measurements

The following table presents the Plan's Level 3 financial instruments, the valuation techniques used to measure the fair value of those financial instruments as of December 31, 2024 and 2023, the significant unobservable inputs and the quantitative information about those inputs.

Instrument	Fair Value December 31, 2024	Fair Value December 31, 2023	Principal Valuation Technique	Significant Unobservable Inputs	[Quantitative Information about Significant Unobservable Inputs]
TIAA Traditional Annuity Contracts	\$10,877,548	\$11,413,395	Discounted cash flows / theoretical transfer (exit value)	Risk-adjusted discount rate applied	3.15%-6.75%

4. Fully Benefit-Responsive Investment Contracts

TIAA Stable Value: This is a fixed-rate annuity contract provides a guaranteed minimum rate of interest between 1% and 3% (before deductions for contract fees), with the potential for crediting of additional interest above the guaranteed minimum if approved by the TIAA Board of Trustees. Contributions are deposited into a nonutilized separate account. The TIAA Stable Value is immediately liquid to a participant for withdrawals and transfers and does not have withdrawal restrictions, except that immediate transfers cannot be made to competing investment options pursuant to the contract's equity wash provisions, as defined. Transfers may be made to a competing fund following a 90-day waiting period after being transferred to a noncompeting fund. In addition, transfers into TIAA Stable Value may not be made for 30 days following a transfer out.

A plan's investment in TIAA Stable Value is reported at contract value in all Plan and participant reporting. Contract value equals the accumulated cash contributions, interest credited, and transfers, if any, less any withdrawals and transfers. Plan sponsors choosing to terminate a plan's investment in the TIAA Stable Value contract will receive contract value in, at most, two years. If the two-year payout applies, a discontinuance fee will be assessed.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

4. Fully Benefit-Responsive Investment Contracts (Continued)

The Plan holds a traditional fully benefit-responsive guaranteed investment contract, for which contributions are maintained in a general account. The account is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses.

This contract meets the fully benefit-responsive investment contract criteria and therefore is reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value, as reported to the Plan by the sponsoring trustee, represents contributions made under the contract, plus earnings, less participant withdrawals, and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

The traditional investment contract held by the Plan is a guaranteed investment contract. The contract issuer is contractually obligated to repay the principal and interest at the specified interest rate that is guaranteed to the Plan. The crediting rate is based on a formula established by the contract issuer but may not be less than 3 percent. The crediting rate is reviewed on periodic for resetting. The contract cannot be terminated before the scheduled maturity date.

The Plan's ability to receive amounts due is dependent on the issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

Certain events might limit the ability of the Plan to transact at contract value with the issuer. These events may be different under each contract. Such events include:

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

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

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

4. Fully Benefit-Responsive Investment Contracts (Continued)

In addition, certain events allow the issuer to terminate the contract with the Plan and settle at an amount different from contract value. These events may be different under each contract. 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.

5. Information Certified by Custodian

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA for 2024 and 2023. Accordingly, Teachers Insurance and Annuity Association of America and College Retirement Equities Fund, the Custodian of the Plan, has certified to the completeness and accuracy of all investments and notes receivable from participants reported in the accompanying Statements of Net Assets Available for Benefits as of December 31, 2024 and 2023, and the supplemental Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year) as of December 31, 2024, and the related investment activity and interest income on notes receivable from participants reported in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2024.

6. Related-Party and Party In Interest Transactions

The Plan allows for transactions with certain parties who may perform services or have fiduciary responsibilities to the Plan. These parties may include investment advisory, recordkeeping and accounting services.

Certain Plan investments are managed by the Custodian, and therefore, these transactions qualify as party in interest transactions.

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

6. Related-Party and Party In Interest Transactions (Continued)

Fees incurred by the Plan for the investment management services are included in net appreciation (depreciation) in the fair value of the investment, as they are paid through revenue sharing, rather than a direct payment. Teachers Insurance and Annuity Association of America and College Retirement Equities Fund receives revenue from investment fund service providers for services Teachers Insurance and Annuity Association of America and College Retirement Equities Fund provides to the funds. This revenue is used to offset certain amounts owed to Teachers Insurance and Annuity Association of America and College Retirement Equities Fund for its administrative services to the Plan. If the revenue received by Teachers Insurance and Annuity Association of America and College Retirement Equities Fund from such investment fund service providers exceeds the amount owed for its services, Teachers Insurance and Annuity Association of America and College Retirement Equities Fund remits the excess to the Plan's trust on a quarterly basis. The Plan or Plan Sponsor may make a payment to Teachers Insurance and Annuity Association of America and College Retirement Equities Fund for administrative expenses not covered by revenue sharing.

Additionally, the Plan issues loans to participants, which are secured by the participant's account balances. These transactions qualify as party in interest transactions.

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

7. Plan Termination

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

8. Tax Status

The Plan adopted a volume submitter plan offered by TIAA stating that the written form of the underlying specimen plan is qualified under Section 403(b) of the IRC. The volume submitter plan received an IRS Advisory Letter dated August 7, 2017, that the Plan is designed in accordance with the applicable sections of the IRC. The plan administrator believes that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC, and, therefore believes that the Plan is qualified, and the related trust is tax exempt.

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

American Society for Microbiology DC Retirement Plan

Notes to Financial Statements

As of December 31, 2024 and 2023

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.

10. Delinquent Participant Contributions

For the years ended December 31, 2024 and 2023, the Organization did not remit certain participant contributions to the Plan on a timely basis as defined by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Untimely remittances identified on the Schedule of Delinquent Participant Contributions in 2024, which totaled \$36, were not corrected in 2024 and will be corrected in 2025. Untimely remittances of \$300 were identified on the Schedule of Delinquent Participant Contributions in 2023, \$100 of which were corrected in 2024, and the remaining \$200 will be corrected in 2025. Additionally, the Organization will be compensating participants for lost earnings resulting from the delay in contributions.

American Society for Microbiology DC Retirement Plan
Schedule H Line 4a - Schedule of Delinquent Participant Contributions
EIN: 38-1616141 Plan Number: 003
For the Year Ended December 31, 2024

Total that Constitute Nonexempt Prohibited Transactions							
Year	Participant Contributions Transferred Late to Plan (1)		Contributions Corrected Outside VFCP (2)		Contributions Pending Correction in VFCP		Total Fully Corrected Under VFCP and PTE 2002-51 (3)
	\$	\$	\$	\$	\$	\$	
2024	36	36	-	-	-	-	-
2023	300	200	100	-	-	-	-
	\$ 336	\$ 236	\$ 100	\$	-	\$	-

- (1) Amount does not include participant loan repayments
- (2) VFCP: Voluntary Fiduciary Correction Program
- (3) PTE: Prohibited Transaction Exemption

American Society for Microbiology DC Retirement Plan
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 38-1616141 Plan Number: 003

As of 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
Mutual Funds:				
*	TIAA-CREF	TIAA Access Nuv Core Pl Bd T4	**	\$ 20,910
*	TIAA-CREF	TIAA Access Nuv Core Bond T4	**	12,793
*	TIAA-CREF	TIAA Access Nuv Equity Idx T4	**	11,884
*	TIAA-CREF	TIAA Access Nuv Core Equity T4	**	354,321
*	TIAA-CREF	TIAA Access Nuv Infl Lnk Bd T4	**	59,429
*	TIAA-CREF	TIAA Access Nuv Intl Equity T4	**	445,903
*	TIAA-CREF	TIAA Access Nuv LfCy Rt Inc T4	**	2,425
*	TIAA-CREF	TIAA Access Nuv Lrg Cap Gr T4	**	117,852
*	TIAA-CREF	TIAA Access Nuv Lrg Cap Val T4	**	576,167
*	TIAA-CREF	TIAA Access Nuv LifCyc 2010 T4	**	216
*	TIAA-CREF	TIAA Access Nuv LifCyc 2015 T4	**	276,328
*	TIAA-CREF	TIAA Access Nuv LifCyc 2020 T4	**	21,649
*	TIAA-CREF	TIAA Access Nuv LifCyc 2025 T4	**	312
*	TIAA-CREF	TIAA Access Nuv LifCyc 2030 T4	**	1,278,132
*	TIAA-CREF	TIAA Access Nuv LifCyc 2035 T4	**	804,761
*	TIAA-CREF	TIAA Access Nuv LifCyc 2040 T4	**	875,812
*	TIAA-CREF	TIAA Access Nuv LifCyc 2045 T4	**	1,276,011
*	TIAA-CREF	TIAA Access Nuv LifCyc 2050 T4	**	1,170,531
*	TIAA-CREF	TIAA Access Nuv Mid Cap Grw T4	**	74,812
*	TIAA-CREF	TIAA Access Nuv Mid Cap Val T4	**	290,557
*	TIAA-CREF	TIAA Access Nuv Money Mkt T4	**	6,376
*	TIAA-CREF	TIAA Access Nuv RIEstSecSel T4	**	149,935
*	TIAA-CREF	TIAA Access Nuv Sm Cp Bl lx T4	**	174,002
*	TIAA-CREF	TIAA Access Nuv Qt Sm Cp Eq T4	**	211,675
*	TIAA-CREF	TIAA Access Nuv LgCp Res Eq T4	**	58,801
*	TIAA-CREF	Nuveen Equity Index R6	**	4,732,031
*	TIAA-CREF	Nuveen Small Cap Bld Idx R6	**	2,519,663
*	TIAA-CREF	Nuveen Large Cap Resp Eq R6	**	223,780
*	TIAA-CREF	TIAA Access Nuv LifCyc 2060 T4	**	75,409
*	TIAA-CREF	TIAA Access Nuv LifCyc 2055 T4	**	49,358
	American	American Fd New Perspective R6	**	1,205,941
	American	American Century Inf Adj Bd R6	**	999,322
	American	American Cent MdCpVa Fd Cla R6	**	618,974

American Society for Microbiology DC Retirement Plan
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 38-1616141 Plan Number: 003

As of 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
	American Vanguard	American Century Sm Cap Grw R6	**	20,002
	Vanguard	Treasury MoneyMkt Inv	**	678,999
	Vanguard	Real Estate Idx Adm	**	1,246,578
	Western	Asset Core Bond IS	**	1,383,992
	ClearBridge	Large Cp Growth IS	**	326,252
	Delaware	Ivy Intrnl Core Eq R6	**	3,339,848
	JPMorgan	Equity Inc Fd Cla R6	**	1,069,389
	MFS	Mid Cap Growth Fund R6	**	154,408
				26,915,540
Pooled Separate Account:				
*	TIAA-CREF	TIAA Real Estate	**	1,189,589
Other Investments (variable annuity):				
*	TIAA-CREF	CREF Stock R2	**	14,619,830
*	TIAA-CREF	CREF Money Market R2	**	849,751
*	TIAA-CREF	CREF Social Choice R2	**	2,670,034
*	TIAA-CREF	CREF Global Equities R2	**	2,163,218
*	TIAA-CREF	CREF Growth R2	**	4,610,475
*	TIAA-CREF	CREF Equity Index R2	**	2,500,938
*	TIAA-CREF	CREF Inflation-Linked Bond R2	**	322,951
*	TIAA-CREF	CREF Core Bond R2	**	1,202,160
				28,939,357
Fixed Annuity Contracts:				
*	TIAA	Traditional Benefit Responsive	**	5,145,368
*	TIAA	Traditional Non Benefit Responsive	**	10,877,548
*	TIAA	Stable Value	**	651,246
				16,674,162
Notes Receivable from Participants:				
*	Participant loans	Interest rates range from 4.25% to 9.50%	0	137,015
				\$73,855,663

*Denotes a party-in-interest.

**Cost information has not been included because all investments are participant directed.

Schedule H, Line 4i – Schedule of Assets (Held At End of Year) is contained in the auditor’s financial statements.