Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code).

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

OMB Nos. 1210-0110
1210-0089

2012

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A This return/report is for:
- [ ] a multiemployer plan;
- [ ] a multiple-employer plan; or
- [X] a single-employer plan;
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report;
- [ ] the final return/report;
- [X] an amended return/report;
- [ ] a short plan year return/report (less than 12 months).

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558;
- [ ] automatic extension;
- [ ] the DFVC program;
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
PHARMACEUTICAL TECHNOLOGIES, INC. 401(K) PLAN

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 01/01/1999

2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan)

PHARMACEUTICAL TECHNOLOGIES, INC.

13660 CALIFORNIA STREET
OMAHA, NE 68154

2b Employer Identification Number (EIN) 47-0818115

2c Sponsor's telephone number 402-964-9030

2d Business code (see instructions) 524290

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	11/27/2013	CHRISTINA LAFEVER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	11/27/2013	CHRISTINA LAFEVER
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

Preparer's name (including firm name, if applicable) and address; include room or suite number. (optional)

Preparer's telephone number (optional)

3a Plan administrator's name and address [X] Same as Plan Sponsor Name [ ] Same as Plan Sponsor Address

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report:

a Sponsor's name

4b EIN

4c PN

5	Total number of participants at the beginning of the plan year	**5**	121
6	Number of participants as of the end of the plan year (welfare plans complete only lines **6a, 6b, 6c,** and **6d**).		
a	Active participants	**6a**	132
b	Retired or separated participants receiving benefits	**6b**	0
c	Other retired or separated participants entitled to future benefits	**6c**	5
d	Subtotal. Add lines **6a**, **6b**, and **6c**	**6d**	137
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	**6e**	0
f	Total. Add lines **6d** and **6e**	**6f**	137
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	120
h	Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	12
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
2E 2F 2G 2J 2K 2T 3D

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

9a Plan funding arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [ ] Trust
- **(4)** [ ] General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [ ] Trust
- **(4)** [ ] General assets of the sponsor

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

a Pension Schedules

- **(1)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [ ] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

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

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

2012

This Form is Open to Public Inspection

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
PHARMACEUTICAL TECHNOLOGIES, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PHARMACEUTICAL TECHNOLOGIES, INC.

D Employer Identification Number (EIN)
47-0818115

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

MASSACHUSETTS MUTUAL LIFE INSURANCE CO.

(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
04-1590850	65935	81806	120	01/01/2012	12/31/2012

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
10043	0

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

RODNEY JEWELL
10250 REGENCY CIRCLE
OMAHA, NE 68114

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
5404			3

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

F.N. KELLEY
17110 MARCY STREET - SUITE 104
OMAHA, NE 68118

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
4639			3

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end	5	3593041

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.	6d	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☒ other ▶ GROUP ANNUITY CONTRACT

b	Balance at the end of the previous year			7b	251120
c	Additions: (1) Contributions deposited during the year	7c(1)	544477		
	(2) Dividends and credits	7c(2)	0		
	(3) Interest credited during the year	7c(3)	7092		
	(4) Transferred from separate account	7c(4)	0		
	(5) Other (specify below)	7c(5)	56787		
	▶ LNINT,LNPRIN,LOANDEFAULT & ROLLOVER				
	(6)Total additions			7c(6)	608356
d	Total of balance and additions (add lines **7b** and **7c(6)**).			7d	859476
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	217		
	(2) Administration charge made by carrier	7e(2)	1250		
	(3) Transferred to separate account	7e(3)	606938		
	(4) Other (specify below)	7e(4)	5315		
	▶ LN DISTRIBUTION				
	(5) Total deductions			7e(5)	613720
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	245756

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

a ☐ Health (other than dental or vision) **b** ☐ Dental **c** ☐ Vision **d** ☐ Life insurance

e ☐ Temporary disability (accident and sickness) **f** ☐ Long-term disability **g** ☐ Supplemental unemployment **h** ☐ Prescription drug

i ☐ Stop loss (large deductible) **j** ☐ HMO contract **k** ☐ PPO contract **l** ☐ Indemnity contract

m ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			**10b**	

Specify nature of costs ▶

Part IV Provision of Information

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

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

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**2012** **This Form is Open to Public Inspection.**

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
PHARMACEUTICAL TECHNOLOGIES, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PHARMACEUTICAL TECHNOLOGIES, INC.

D Employer Identification Number (EIN)
47-0818115

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).. . . . . [X] 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

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

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

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

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

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(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?
52 60 63 64 68 72	CONTRACT ADMINISTRATOR	19322	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

KELLEY FINANCIAL SERVICES, INC.

47-0800241

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13	THIRD PARTY ADMINISTRATOR	0	Yes [X] No [ ]	Yes [ ] No [X]	2112	Yes [ ] No [X]

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

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

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

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

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

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

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

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
KELLEY FINANCIAL SERVICES, INC.	13	1112

(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.
MASSACHUSETTS MUTUAL LIFE INS. CO. 04-1590850	EXPENSE REIMBURSEMENT TO THIRD PARTY

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	52	0

(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.
RETIRESMART CONSERVATIVE 04-1590850	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	52	0

(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.
RETIRESMART GROWTH 04-1590850	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	52	0

(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.
RETIRESMART MODERATE 04-1590850	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	52	0

(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.
RETIRESMART MODERATE GROWTH 04-1590850	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
ADV DOW JONES TRGT 2015 20-8582402	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
ADV DOW JONES TRGT 2025 20-8582460	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
ADV DOW JONES TRGT 2035 20-8582513	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
ADV DOW JONES TRGT 2045 20-8582560	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
ADV DOW JONES TRGT TDAY 71-6156733	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
EQUITY & INCOME 04-3276558	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
EUROPACIFIC GROWTH 95-6810128	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
GLOBAL STRATEGIC INCOME 84-1120195	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
GROWTH AMERICA 52-0792143	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
INT'L NEW DISCOVERY 04-3379729	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
MIDCAP VALUE 13-3963293	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
MID CAP VALUE 84-1458637	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(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.
RISING DIVIDENDS 13-3035629	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
MM S & P 500 INDEX 04-3410047	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
PREMIER CORE BOND 04-3277549	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
PREMIER GLOBAL 51-0529334	BASIS POINTS * PLAN ASSETS

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
MASSACHUESETTS MUTUAL LIFE INS. CO	72	0

(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.
RETIRESMART MODERATE 04-1590850	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUESETTS MUTUAL LIFE INS. CO	72	0

(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.
RETIRESMART MODERATE GROWTH 04-1590850	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUESETTS MUTUAL LIFE INS. CO	72	0

(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.
SEL GR OPPORTNTS 04-3512589	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
SEL LARGE CAP VALUE 04-3513019	BASIS POINTS & PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
SEL SM CP GR 04-3464205	BASIS POINTS & PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
SEL SMCO VAL 04-3584140	BASIS POINTS & PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
SELECT FUNDAMENTAL VAL 04-3584138	BASIS POINTS & PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
SELECT MIDCAP GR II 04-3512596	BASIS POINTS & PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
PREMIER MONEY MARKET 04-3212059	BASIS POINTS & PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
RETIRESMART CONSERVATIVE 04-1590850	BASIS POINTS & PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(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.
RETIRESMART GROWTH 04-1590850	BASIS POINTS & PLAN ASSETS

(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)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

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.**

OMB No. 1210-0110

2012

This Form is Open to Public Inspection.

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
PHARMACEUTICAL TECHNOLOGIES, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
PHARMACEUTICAL TECHNOLOGIES, INC.

D Employer Identification Number (EIN)
47-0818115

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)

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-A4			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.			
c EIN-PN 90-0342299-145	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	367
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-A6			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.			
c EIN-PN 90-0342299-142	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	21211
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-A7			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.			
c EIN-PN 90-0342299-143	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	16981
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-A9			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.			
c EIN-PN 90-0342299-144	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	23329
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-D1			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.			
c EIN-PN 04-1590850-033	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	23028
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-D2			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.			
c EIN-PN 04-1590850-034	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	144306
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-D3			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.			
c EIN-PN 04-1590850-035	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	464246

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-D4

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-036	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 334330

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-041	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 378992

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-418	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-045	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-416	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 158611

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-N6

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-073	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 349417

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-N8

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-075	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 66055

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-079	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 270335

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-105	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 152768

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-106	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 421493

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-174	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 179473

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-171	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 207817

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 90-0342299-124	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 62041

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 90-0342299-149	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 13762

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-W9

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-121	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 157808

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-231	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 57315

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

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INS. CO.

c EIN-PN 04-1590850-133	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 89355

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)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

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b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

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

OMB No. 1210-0110

2012

This Form is Open to Public Inspection

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
PHARMACEUTICAL TECHNOLOGIES, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PHARMACEUTICAL TECHNOLOGIES, INC.

D Employer Identification Number (EIN)
47-0818115

Part I Asset and Liability Statement

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

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	36907	92023
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	2696917	3593041
(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)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	251120	245756
(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	2984944	3930820
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	2984944	3930820

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)	76068	
(B) Participants	2a(1)(B)	468409	
(C) Others (including rollovers)	2a(1)(C)	32679	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		577156
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	428523	
(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)	1945	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		430468
(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		0
(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)		0
(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)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		1007624
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	42426	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		42426
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	2220	
(3) Investment advisory and management fees	2i(3)	16927	
(4) Other	2i(4)	175	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		19322
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		61748
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		945876
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) [ ] Unqualified **(2)** [ ] Qualified **(3)** [X] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [X] Yes [ ] No

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

(1) Name: MCGLADREY LLP **(2)** EIN: 47-0714325

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

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

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	

			Yes	No	Amount
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e	X		400000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		X	

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

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)

Part V Trust Information (optional)

6a Name of trust	**6b** Trust's EIN

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

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

OMB No. 1210-0110

2012

This Form is Open to Public Inspection.

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
PHARMACEUTICAL TECHNOLOGIES, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PHARMACEUTICAL TECHNOLOGIES, INC.

D Employer Identification Number (EIN)
47-0818115

Part I Distributions

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

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

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

EIN(s): 04-1590850

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 of 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 contributed more than 5% of total contributions to the plan during the plan year (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 participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a	The current year	**14a**	
b	The plan year immediately preceding the current plan year	**14b**	
c	The second preceding plan year	**14c**	

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

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

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

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

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

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

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

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

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

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

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

Pharmaceutical Technologies, Inc.
401(k) Plan

Financial Report
December 31, 2012

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McGladrey

Independent Auditor's Report

To the Participant of the Pharmaceutical Technologies, Inc. 401(k) Plan and
Board of Directors of Pharmaceutical Technologies, Inc.
Omaha, Nebraska

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Pharmaceutical Technologies, Inc. 401(k) Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2012 and 2011, and the related statement of changes in net assets available for benefits for the year ended December 31, 2012, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified or provided by Massachusetts Mutual Life Insurance Company, the custodian of the Plan, except for comparing this information with the related information included in the financial statements. We have been informed by the Plan Administrator that the custodian holds the Plan's assets and executes transactions. The Plan Administrator has obtained certifications from the custodian as of December 31, 2012 and 2011, and for the year ended December 31, 2012, that the information provided to the Plan Administrator by the custodian is complete and accurate.

Member of the RSM International network of independent accounting, tax and consulting firms.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

The supplemental schedule, Schedule h, Part IV, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2012, is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purposes of additional analysis and is not a required part of the financial statements. The supplemental schedule is the responsibility of the Plan's management. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule.

Report on Form and Content in Compliance with Department of Labor's Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified or provided by the custodian, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

McGladrey LLP

Omaha, Nebraska
November 25, 2013

Pharmaceutical Technologies, Inc. 401(k) Plan

Statements of Net Assets Available for Benefits
December 31, 2012 and 2011

	2012	2011
Assets:		
Investments, at fair value:		
Guaranteed interest account	**$ 284,554**	$ 267,521
Pooled separate accounts	**3,593,041**	2,696,917
Total investments	**3,877,595**	2,964,438
Notes receivable from participants	**92,023**	36,907
Net assets available for benefits, at fair value	**3,969,618**	3,001,345
Adjustment from fair value to contract value for fully benefit-responsive investment contract	**(38,798)**	(16,401)
Net assets available for benefits	**$ 3,930,820**	$ 2,984,944

See Notes to Financial Statements.

Pharmaceutical Technologies, Inc. 401(k) Plan

Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2012

Additions to net assets attributed to:		
Investment income:		
Interest income	$	6,930
Net appreciation in fair value of pool separate accounts		421,593
		428,523
Interest income on notes receivable from participants		1,945
Contributions:		
Employer		76,068
Employee		468,409
Rollover		32,679
Total contributions		577,156
Total additions		1,007,624
Deductions from net assets attributed to:		
Benefits paid to participants		42,426
Administrative expenses and other, net		19,322
Total deductions		61,748
Net increase		945,876
Net assets available for benefits:		
Beginning of year		2,984,944
End of year	$	3,930,820

See Notes to Financial Statements.

Note 1. Plan Description

The following description of the Pharmaceutical Technologies, Inc. 401(k) 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 sponsored by Pharmaceutical Technologies, Inc. (the Company) for the benefit of its employees, excluding certain non-resident aliens and union employees covered by a collective bargaining agreement. Employees become eligible for participation after 6 months or service and the attainment of 21 years of age. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA), and the applicable current Internal Revenue Code provisions.

Contributions and investment options: Each year, participants may contribute from 1% to 100% of pretax annual compensation, as defined by the Plan. 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. Participants direct the investment of their contributions and the Company's contributions into various investment options offered by the Plan. Contributions are subject to certain limitations.

The Company contributes a matching contribution equal to 25% of the first 6% of compensation each participant contributes to the Plan during each plan year. The Company may make a discretionary profit-sharing contributions to Plan participants employed on the last day of the calendar year. No such contributions were made in 2012 or 2011.

Participant accounts: Each participant's account is credited with the participant's contributions, Company contributions and Plan earnings. Participants are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on account balances. 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 plus actual earnings thereon. Vesting in the Company's contribution portion of participants' accounts is based on years of continuous service.

The vesting of Company contributions begins after two years of service, based on the following:

Credited Years of Service	Percentage of Vested Interest
Less than 2	0
2	20
3	40
4	60
5	80
6	100

Note 1. Plan Description (Continued)

Notes receivable from participants: Participants may borrow from their fund accounts a minimum of $1,000 up to a maximum equal to the lesser of $50,000 or 50% of their account balance. The notes receivable are secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates at the time of issuance. Principal and interest are paid ratably through payroll deductions. A participant may have only one loan outstanding at any time.

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 the participant's account, or annual installments over a predetermined period. For termination of service for other reasons, a participant may receive the value of the vested interest in his or her account as a lump sum distribution. If a participant terminates employment and has a vested balance less than $5,000, the Plan will distribute the vested portion, in lump sum, as soon as administratively practicable following the termination of employment.

Forfeited accounts: Forfeited nonvested accounts totaled $6,198 and $14,259 at December 31, 2012 and 2011, respectively. These accounts will be used to reduce future Company contributions. During 2012, Company contributions of $12,159 were reduced from forfeited nonvested account.

Note 2. Summary of Significant Accounting Policies

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

Investment contracts held by a defined contribution plan are required to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of net assets attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The statement of net assets available for benefits presents the fair value of the investment contracts as well as the adjustment of the fully benefit-responsive investment contracts from fair value to contract value. The statement of changes in net assets available for benefits is prepared using the contract value basis for fully benefit-responsive investment contracts.

Use of estimates: The preparation of financial statements in accordance with accounting principles generally accepted in the United States 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.

Investment valuation and income recognition: Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

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

Note 2. Summary of Significant Accounting Policies (Continued)

Payment of benefits: Benefits are recorded when paid.

Administrative expenses: Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Other expenses are paid by the Plan and are reflected in the Plan's financial statements.

Notes receivable from participants: Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent loans are treated as distributions based upon the terms of the plan agreement.

Subsequent events: The Plan has evaluated subsequent events through November 25, 2013, the date the financial statements were available to be issued.

Note 3. Information Certified and Provided by Massachusetts Mutual Life Insurance Company

The following is a summary of the Plan's information as of December 31, 2012 and 2011, and for the year ended December 31, 2012, included throughout the Plan's financial statements and supplemental schedule, that was prepared by or derived from information provided by the custodian and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from the custodian that information provided to the Plan Administrator by the custodian related to the following is complete and accurate. Accordingly, as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan Administrator instructed the Plan's independent auditors not to perform any auditing procedures with respect to information which appears throughout the financial statements and supplemental schedule related to the following:

Note 3. Information Certified and Provided by Massachusetts Mutual Life Insurance Company (Continued)

		2012		2011
Statements of Net Assets Available for Benefits:				
Pooled separate accounts at fair value	**$**	**3,593,041**	$	2,696,917
Guaranteed interest account, at fair value (contract value of $245,756 and $251,120, respectively)		**284,554**		267,521
Notes receivable from participants		**92,023**		36,907
Statement of Changes in Net Assets Available for Benefits:				
Interest income from investments	**$**	**6,930**		
Net appreciation in the fair value of pooled separate accounts		**421,593**		
Interest income on notes receivable from participants		**1,945**		

Note 4. Investments

The following table presents investments that represent 5% or more of the Plan's net assets at December 31:

		2012		2011
RetireSMART Moderate Growth	**$**	**464,246**	$	374,542
ReitreSMART Growth		**334,330**		263,470
Premier Core Bond		**378,992**		251,257
Rising Dividends (OFI)		**349,417**		355,512
Growth America (American)		*****		292,249
Premier Global (OFI)		**270,335**		266,155
Sel Lrg Cp Val (Columb/Huber)		*****		173,120
Sel Gr Opprts (Sands/Delaware)		**421,493**		*
Sel SmCo VI (Fed Clov/TRP/ERNST)		**207,817**		152,950
Guaranteed interest account at fair value ($245,756 and $251,120 at contract value, respectively)		**284,554**		267,521

* Did not meet the five percent threshold in the applicable year.

Note 5. Fair Value Measurements

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

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

Level 2: Inputs to the valuation methodology include:

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

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

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

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

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2012 and 2011.

Guaranteed interest account: This investment is principally valued using a market value approach. The market value of the guarantee interest account is determined to be the estimated liquidation value of the contract. The liquidation value is derived considering factors such as the observable interest rate being earned by investments under the contract, the unobservable assumed interest rate and the unobservable comparison between investments supporting the contract and current market rates.

Pooled separate accounts: Primarily valued at net asset value per share based on the observable market prices of underlying investments. There are no unfunded commitments at December 31, 2012 and 2011 for all pooled separate accounts. Additionally, all pooled separate accounts have daily redemption frequencies.

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

Note 5. Fair Value Measurements (Continued)

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2012 and 2011, respectively:

	Assets at Fair Value as of December 31, 2012			
	Level 1	**Level 2**	**Level 3**	**Total**
Pooled separate accounts:				
Intermediate term bond	**$ -**	**$ 378,992**	**$ -**	**$ 378,992**
Multi sector bond	**-**	**66,055**	**-**	**66,055**
Asset allocation/lifestyle	**-**	**1,041,561**	**-**	**1,041,561**
Large cap value	**-**	**179,473**	**-**	**179,473**
Large cap core	**-**	**438,772**	**-**	**438,772**
Large cap growth	**-**	**421,493**	**-**	**421,493**
Mid cap growth	**-**	**157,808**	**-**	**157,808**
Mid cap value	**-**	**62,041**	**-**	**62,041**
Small cap value	**-**	**207,817**	**-**	**207,817**
Small cap growth	**-**	**152,768**	**-**	**152,768**
International large core	**-**	**158,611**	**-**	**158,611**
International large growth	**-**	**270,335**	**-**	**270,335**
International small/mid cap	**-**	**57,315**	**-**	**57,315**
Total pooled separate accounts	**-**	**3,593,041**	**-**	**3,593,041**
Guaranteed interest account	**-**	**-**	**284,554**	**284,554**
Total assets at fair value	**$ -**	**$ 3,593,041**	**$ 284,554**	**$ 3,877,595**

	Assets at Fair Value as of December 31, 2011			
	Level 1	Level 2	Level 3	Total
Pooled separate accounts:				
Intermediate term bond	$ -	$ 251,257	$ -	$ 251,257
Multi sector bond	-	52,512	-	52,512
Asset allocation/lifestyle	-	817,001	-	817,001
Large cap value	-	465,369	-	465,369
Large cap core	-	372,893	-	372,893
Mid cap growth	-	98,385	-	98,385
Mid cap value	-	23,404	-	23,404
Small cap value	-	152,950	-	152,950
Small cap growth	-	96,592	-	96,592
International large core	-	60,948	-	60,948
International large growth	-	266,155	-	266,155
International small cap	-	39,451	-	39,451
Total pooled separate accounts	-	2,696,917	-	2,696,917
Guaranteed interest account	-	-	267,521	267,521
Total assets at fair value	$ -	$ 2,696,917	$ 267,521	$ 2,964,438

Note 5. Fair Value Measurements (Continued)

Changes in Fair Value Levels

To assess the appropriate classification of investments within the fair value hierarchy, the availability of market data is monitored. Changes in economic conditions or valuation techniques may require the transfer of investments from one fair value level to another. In such instances, the transfer is reported at the end of the reporting period.

We evaluate the significance of transfers between levels based upon the nature of the investment and size of the transfer relative to total net assets available for benefits.

Level 3 Gains and Losses

The following table sets forth a summary of changes in the fair value of the Plan's Level 3 financial instruments for the year ended December 31, 2012:

Guaranteed Interest Account		
Beginning balance	$	267,521
Purchases		24,328
Net appreciation in fair value of investments *		29,827
Sales		(37,122)
Ending balance	$	284,554

*Includes interest credited

Unrealized gains/(losses) from the guaranteed interest account are not included in the statement of changes in net assets available for benefits as this instrument is recorded at contract value for purposes of the net assets available for benefits.

Note 5. Fair Value Measurements (Continued)

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

The following table presents the valuation technique used to measure the fair value of the Plan's Level 3 financial instrument, and the significant unobservable inputs and the values for those inputs:

Instrument	Fair Value	Principal Valuation Technique	Unobservable Inputs	Significant Input Values	Weighted Average
Guaranteed interest account	$284,554	Liqudation Value	Assumed Interest Rate	0.69 - 5.15	2.57%
			Duration (years)	9.77	
			Experience Rate	0.94 - 6.59	

Note 6. Investment Contract With Massachusetts Mutual Life Insurance Company

In 2000, the Plan entered into a benefit-responsive investment contract with Massachusetts Mutual Life Insurance Company (Mass Mutual). Mass Mutual maintains the contributions in a general account. The account is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The contract is included in the financial statements at contract value as reported to the Plan by Mass Mutual. The guaranteed interest contract issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan.

As described in Note 2, because the guaranteed interest contract is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the guaranteed interest contract. The guaranteed interest contract is presented on the face of the statement of net assets available for benefits at fair value with an adjustment to contract value in arriving at net assets available for benefits. Contract value, as reported to the Plan by Mass Mutual, 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.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The fair value of the investment contract at December 31, 2012 and 2011 was $284,554 and $267,521, respectively. The crediting interest rate is based on a formula agreed upon with the issuer and established for a six month period where all assets invested in the guaranteed interest account are credited with that rate.

Note 6. Investment Contract With Massachusetts Mutual Life Insurance Company (Continued)

Certain events limit the ability of the Plan to transact at contract value with the issuer. Such events include the following: *(a)* temporary absence, *(b)* change in position or other occurrence qualifying as a temporary break in service under the Plan, *(c)* transfer or other change of position resulting in employment by an entity controlling, controlled by, or under other common control with the Company, *(d)* cessation of an employment relationship resulting from a reorganization, merger, layoff or the sale or discontinuance of all or any part of the Company's business, *(e)* removal from the Plan of one or more groups or classification of participants, *(f)* partial or complete Plan termination, *(g)* Plan disqualification.

The average yields earned by the guaranteed interest contract are as follows:

Average yields:	2012
Based on actual earnings	2.57%
Based on interest rate credited to participants	2.57%

Note 7. Related-Party Transactions and Party-In-Interest Transactions

The guaranteed interest account is managed by Massachusetts Mutual Life Insurance Company. Massachusetts Mutual Life Insurance Company is the Plan's custodian and recordkeeper, therefore, these transactions qualify as party-in-interest transactions.

Substantially all Plan expenses related to recordkeeping fees and were paid to Massachusetts Mutual Life Insurance Company during 2012.

Note 8. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan, subject to the provisions of ERISA. In the event of plan termination, participants would become 100% vested in their accounts.

Note 9. Income Tax Status

Effective October 1, 2009, the Plan adopted a non-standardized form of a prototype plan sponsored by Massachusetts Mutual Life Insurance Company. The prototype plan has received an opinion letter from the Internal Revenue Service dated March 31, 2008 as to the prototype plan's qualified status. The prototype plan opinion letter has been relied upon by this Plan. The Plan has since been amended, and the Plan Administrator believes the Plan is currently designed and is being operated in compliance with the applicable provisions of the Internal Revenue Code.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the organization has taken an uncertain position that more likely than not would not be sustained upon examination. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. With few exceptions, the Plan is no longer subject to income tax examinations by the U.S. federal, state, or local tax authorities for years before 2009.

Note 10. 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 financial statements.

Pharmaceutical Technologies, Inc. 401(k) Plan

Schedule H, Part IV, Line 4i - Schedule of Assets (Held At End of Year)
December 31, 2012

	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, and Par or Maturity Value	Fair Value
*	MassMutual	Guaranteed interest account	$ 245,756
	Pooled Separate Accounts:		
*	MassMutual	Premier Core Bond	378,992
*	MassMutual	RetireSMART Conservative	23,028
*	MassMutual	RetireSMART Moderate	144,306
*	MassMutual	RetireSMART Moderate Growth	464,246
*	MassMutual	ReitreSMART Growth	334,330
*	MassMutual	Premier Global (OFI)	270,335
*	MassMutual	International New Discovery (MFS)	57,315
*	MassMutual	Global Strategic Income (OFI)	66,055
*	MassMutual	Sel SmCo Vl (Fed Clov/TRP/ERNST)	207,817
*	MassMutual	Sel Gr Opprts (Sands/Delaware)	421,493
*	MassMutual	Sel Md Cp Gr II (TRP/Frontier)	157,808
*	MassMutual	Sel Sm Cp Gr (W&R/Wllngtn/Tmb)	152,768
*	MassMutual	Equity & Income (Oakmark)	13,762
*	MassMutual	MM S&P 500 Index (Northern Trst)	89,355
*	MassMutual	Rising Dividends (OFI)	349,417
*	MassMutual	EuroPacific Growth (American)	158,611
*	MassMutual	Adv DwJns Tgt Tday (Wlls Frg)	367
*	MassMutual	Adv DwJns Tgt 2025 (Wlls Frg)	21,212
*	MassMutual	Adv DwJns Tgt 2035 (Wlls Frg)	16,981
*	MassMutual	Adv DwJns Tgt 2045 (Wlls Frg)	23,329
*	MassMutual	Mid Cap Value (JP Morgan)	62,041
*	MassMutual	Sel Fundamentl Val (Wellington)	179,473
			3,593,041
*	Participant loans	Interest rates of 4.25% maturing 2012-2017	92,023
			$ 3,930,820

* Represents a party-in-interest.

The above information has been certified by Massachusetts Mutual Life Insurance Company, the custodian, as complete and accurate.

The accompanying notes are an integral part of this schedule.

A Name of Plan	B Three-digit plan Number
Pharmaceutical Technologies, Inc. P/S 401(k) Plan	**001**
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
Pharmaceutical Technologies, Inc.	**470764793**

Schedule H, line 4i - Schedule of Assets (Held At End of Year)

(a)	(b) Identity of issue, borrower, lessor, or similar part	(c) Description of investment including maturity date, rate of interest,collateral, par, or maturity value	(d) Cost	(e) Current Value
*	MassMutual	Guaranteed Interest Account	245,756	245,756
*	MassMutual	SIA-A4	347	367
*	MassMutual	SIA-A6	18,995	21,211
*	MassMutual	SIA-A7	16,686	16,981
*	MassMutual	SIA-A9	20,532	23,329
*	MassMutual	SIA-D1	19,863	23,028
*	MassMutual	SIA-D2	116,742	144,306
*	MassMutual	SIA-D3	361,717	464,246
*	MassMutual	SIA-D4	266,924	334,330
*	MassMutual	SIA-E	326,913	378,992
*	MassMutual	SIA-GW	0	0
*	MassMutual	SIA-J	0	0
*	MassMutual	SIA-KR	141,071	158,611
*	MassMutual	SIA-N6	270,701	349,417
*	MassMutual	SIA-N8	53,757	66,055
*	MassMutual	SIA-ND	198,648	270,335
*	MassMutual	SIA-SC	127,055	152,768
*	MassMutual	SIA-SD	419,126	421,493
*	MassMutual	SIA-SK	175,868	179,473
*	MassMutual	SIA-SY	165,541	207,817
*	MassMutual	SIA-TI	0	0
*	MassMutual	SIA-UJ	61,460	62,041
*	MassMutual	SIA-VK	12,632	13,762
*	MassMutual	SIA-W9	128,802	157,808
*	MassMutual	SIA-WR	44,481	57,315
*	MassMutual	SIA-X	82,127	89,355
	Participant Loans	4.250000 - 4.250000	0	92,089

A Name of Plan	B Three-digit plan Number
Pharmaceutical Technologies, Inc. P/S 401(k) Plan	**001**
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
Pharmaceutical Technologies, Inc.	**470764793**

Schedule C Formula Description and/or EIC Statement Description

Service Provider Name	Service Provider EIN	Service Provider Address	Formula / EIC Statement
American Funds	520792143		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Funds with respect to the Growth America (American) - Class 4 separate account (SIA-GW).
American Funds	956810128		MassMutual provided the Plan with the required written disclosure for Management Fees received by American Funds with respect to the EuroPacific Growth (American) - Class 4 separate account (SIA-KR).
Janus	841458637		MassMutual provided the Plan with the required written disclosure for Management Fees received by Janus with respect to the Mid Cap Value (Perkins) - Class S separate account (SIA-TI).
JP Morgan	133963293		MassMutual provided the Plan with the required written disclosure for Management Fees received by JP Morgan with respect to the Mid Cap Value (JP Morgan) - Class S separate account (SIA-UJ).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Premier Global (OFI) - Class S separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Gr Opportnts (Sands/Delaware) - Class S separate account (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Large Cap Val (Columbia/Huber) - Class S separate account (SIA-J).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Sm Cp Gr (W&R/Wllngtn/Tmbrln) - Class S separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel SmCoVal (Fed Clov/TRP/ERNST) - Class S separate account (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Select Fundamental Val (Wellington) - Class S separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Select Mid Cap Gr II (TRP/Frontier) - Class L separate account (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the EuroPacific Growth (American) - Class 4 separate account (SIA-KR).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Growth America (American) - Class 4 separate account (SIA-GW).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Int'l New Discovery (MFS) - Class A separate account (SIA-WR).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Mid Cap Value (Perkins) - Class S separate account

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Massachusetts Mutual Life Insurance Company	041590850	(SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for float revenue received by MassMutual.
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to MM S&P 500 Index (Northern Trust) - Class S (SIA-X).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Core Bond (Babson) - Class S (SIA-E).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Global (OFI) - Class S (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Money Market (Babson) - Class S (SIA-G).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Gr Opportnts (Sands/Delaware) - Class S (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Large Cap Val (Columbia/Huber) - Class S (SIA-J).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Sm Cp Gr (W&R/Wllngtn/Tmbrln) - Class S (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel SmCoVal (Fed Clov/TRP/ERNST) - Class S (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Select Fundamental Val (Wellington) - Class S (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Select Mid Cap Gr II (TRP/Frontier) - Class L (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (16 basis points * plan assets) with respect to the RetireSMART Conservative - Class L separate account (SIA-D1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (17 basis points * plan assets) with respect to the RetireSMART Moderate - Class L separate account (SIA-D2).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (17 basis points * plan assets) with respect to the Sel Sm Cp Gr (W&R/Wllngtn/Tmbrln) - Class S separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (18 basis points * plan assets) with respect to the Premier Global (OFI) - Class S separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (18 basis points * plan assets) with respect to the RetireSMART Growth - Class L separate account (SIA-D4).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (18 basis points * plan assets) with respect to the RetireSMART Moderate Growth - Class L separate account (SIA-D3).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (24 basis points * plan assets) with respect to the Sel Gr Opportnts (Sands/Delaware) - Class S separate account (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (25 basis points * plan assets) with respect to the Sel SmCoVal (Fed Clov/TRP/ERNST) - Class S separate account (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (27 basis points * plan assets) with respect to the Premier Core Bond (Babson) - Class S separate account (SIA-E).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (27 basis points * plan assets) with respect to the Select Fundamental Val (Wellington) - Class S separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (35 basis points * plan assets) with respect to the MM S&P 500 Index (Northern Trust) - Class S separate account (SIA-X).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (42 basis points * plan assets) with respect to the Select Mid Cap Gr II (TRP/Frontier) - Class L separate account (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (8 basis points * plan assets) with respect to the Premier Money Market (Babson) - Class S separate account (SIA-G).

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Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (8 basis points * plan assets) with respect to the Sel Large Cap Val (Columbia/Huber) - Class S separate account (SIA-J).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (12 basis points * plan assets) with respect to the RetireSMART Growth - Class L separate account (SIA-D4).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (8 basis points * plan assets) with respect to the RetireSMART Conservative - Class L separate account (SIA-D1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (8 basis points * plan assets) with respect to the RetireSMART Moderate - Class L separate account (SIA-D2).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Management Fees of (8 basis points * plan assets) with respect to the RetireSMART Moderate Growth - Class L separate account (SIA-D3).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to the EuroPacific Growth (American) - Class 4 separate account (SIA-KR).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (10 basis points * plan assets) with respect to the Growth America (American) - Class 4 separate account (SIA-GW).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Int'l New Discovery (MFS) - Class A separate account (SIA-WR).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to the Mid Cap Value (JP Morgan) - Class S separate account (SIA-UJ).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to the Mid Cap Value (Perkins) - Class S separate account (SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (38 basis points * plan assets) with respect to the Global Strategic Income (OFI) - Class Y separate account (SIA-N8).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (38 basis points * plan assets) with respect to the Rising Dividends (OFI) - Class Y separate account (SIA-N6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (50 basis points * plan assets) with respect to the Equity & Income (Oakmark) - Class 2 separate account (SIA-VK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (55 basis points * plan assets) with respect to the Adv Dow Jones Trgt 2015 (Wlls Frg) - Class 1 separate account (SIA-A5).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (55 basis points * plan assets) with respect to the Adv Dow Jones Trgt 2025 (Wlls Frg) - Class 1 separate account (SIA-A6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (55 basis points * plan assets) with respect to the Adv Dow Jones Trgt 2035 (Wlls Frg) - Class 1 separate account (SIA-A7).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (55 basis points * plan assets) with respect to the Adv Dow Jones Trgt 2045 (Wlls Frg) - Class 1 separate account (SIA-A9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (55 basis points * plan assets) with respect to the Adv Dow Jones Trgt Tday (Wlls Frg) - Class 1 separate account (SIA-A4).
MFS Investment Management	043379729	MassMutual provided the Plan with the required written disclosure for Management Fees received by MFS Investment Management with respect to the Int'l New Discovery (MFS) - Class A separate account (SIA-WR).
Oakmark	043276558	MassMutual provided the Plan with the required written disclosure for Management Fees received by Oakmark with respect to the Equity & Income (Oakmark) - Class 2 separate account (SIA-VK).
Oppenheimer	133035629	MassMutual provided the Plan with the required written disclosure for Management Fees received by Oppenheimer with respect to the Rising Dividends (OFI) - Class Y separate account (SIA-N6).
Oppenheimer	841120195	MassMutual provided the Plan with the required written disclosure for Management Fees received by Oppenheimer with respect to the Global Strategic Income (OFI) - Class Y separate account (SIA-N8).
Wells Fargo	208582402	MassMutual provided the Plan with the required written disclosure for Management Fees received by Wells Fargo with respect to the Adv Dow Jones Trgt 2015 (Wlls Frg) - Class 1 separate account (SIA-A5).
Wells Fargo	208582460	MassMutual provided the Plan with the required written disclosure for Management Fees received by Wells Fargo with respect to the Adv Dow Jones Trgt 2025 (Wlls Frg) - Class 1 separate account (SIA-A6).
Wells Fargo	208582513	MassMutual provided the Plan with the required written disclosure for Management Fees received by Wells Fargo with respect to the Adv Dow Jones Trgt 2035 (Wlls Frg) - Class 1 separate account (SIA-A7).

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Wells Fargo	208582560	MassMutual provided the Plan with the required written disclosure for Management Fees received by Wells Fargo with respect to the Adv Dow Jones Trgt 2045 (Wlls Frg) - Class 1 separate account (SIA-A9).
Wells Fargo	716156733	MassMutual provided the Plan with the required written disclosure for Management Fees received by Wells Fargo with respect to the Adv Dow Jones Trgt Tday (Wlls Frg) - Class 1 separate account (SIA-A4).

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