

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B	This return/report is: ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan UNITED THERAPEUTICS CORPORATION EMPLOYEES' RETIREMENT PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/01/1999
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) UNITED THERAPEUTICS CORPORATION 1040 SPRING STREET SILVER SPRING, MD 20910
2b	Employer Identification Number (EIN) 52-1984749
2c	Plan Sponsor's telephone number 301-608-9292
2d	Business code (see instructions) 541700

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.			
Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.			
SIGN HERE	Filed with authorized/valid electronic signature.	07/31/2023	ALYSSA FRIEDRICH
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN	
		3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN	
		4d PN	
5 Total number of participants at the beginning of the plan year		5	1199
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6a(1)	958
		6a(2)	974
		6b	0
		6c	264
		6d	1238
		6e	0
		6f	1238
		6g	1212
		6h	35
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3D 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan UNITED THERAPEUTICS CORPORATION EMPLOYEES' RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 UNITED THERAPEUTICS CORPORATION	D Employer Identification Number (EIN) 52-1984749

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
CHARLES SCHWAB & CO. INC. AND AFFIL
94-1737782

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

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

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

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

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

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

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

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

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

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

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

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

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

SCHWAB RETIREMENT PLAN SERVICES INC

34-1479833

(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?
15 26 50 64	NONE	143000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

a Name:	ARONSON LLC	b EIN:	37-1611326
c Position:	AUDITOR		
d Address:	111 ROCKVILLE PIKE SUITE #600 ROCKVILLE, MD 20850	e Telephone:	301-231-6200

Explanation: ARONSON LLC MERGED WITH APRIO LLP EFFECTIVE JANUARY 1.2023

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 2022 This Form is Open to Public Inspection.
---	--	---

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan UNITED THERAPEUTICS CORPORATION EMPLOYEES' RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 UNITED THERAPEUTICS CORPORATION	D Employer Identification Number (EIN) 52-1984749	

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: T. ROWE PRICE RET 2005 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 61-6434302-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4388
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2010 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 32-6199795-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 204427
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2015 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 35-6941654-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1503302
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2020 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 36-7594871-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2688996
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2025 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 37-6495447-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6620026
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2030 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 38-7010946-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 13807657
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2035 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 36-7595013-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9050524

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2040 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 35-6941729-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16913402
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2045 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 32-6199848-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 8013145
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2050 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 30-6303214-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7986010
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2055 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 35-6941728-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2986507
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2060 ACTIVE TR		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 47-1088316-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1384541
a Name of MTIA, CCT, PSA, or 103-12 IE: WELLS FARGO STABLE VALUE FUND C		
b Name of sponsor of entity listed in (a): WELLS FARGO BANK N.A.		
c EIN-PN 52-2250946-001	d Entity code C	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: T ROWE PRICE RET BAL ACTIVE TR		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 38-7011316-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 322662
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2065 TRUST		
b Name of sponsor of entity listed in (a): T ROWE PRICE TRUST COMPANY		
c EIN-PN 85-1763138-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 212912
a Name of MTIA, CCT, PSA, or 103-12 IE: PIMCO TOTAL RERN COTIVE TRUST		
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY		
c EIN-PN 27-0834899-035	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6405376
a Name of MTIA, CCT, PSA, or 103-12 IE: GLOBAL REAL ESTATE SECURITIES FUND		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST COMPANY		
c EIN-PN 27-5279909-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2427792

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE STB VAL COMMON TR FD**b** Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY

c EIN-PN 52-1309931-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12676003
--------------------------------	------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):

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

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**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 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>UNITED THERAPEUTICS CORPORATION EMPLOYEES' RETIREMENT PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>UNITED THERAPEUTICS CORPORATION</u>		D Employer Identification Number (EIN) <u>52-1984749</u>

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)	0	1456
(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)	1464946	1552587
(9) Value of interest in common/collective trusts.....	1c(9)	95111667	93207670
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	121929004	91180638
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	218505617	185942351

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	218505617	185942351
---	-----------	-----------	-----------

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)	5772982	
(B) Participants	2a(1)(B)	15342558	
(C) Others (including rollovers)	2a(1)(C)	2247887	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		23363427
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	66125	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		66125
(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)	3213240	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		3213240
(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)		-15303255
(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)		-30129829
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-18790292
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	13605102	
(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)		13605102
f Corrective distributions (see instructions)	2f		24883
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)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	142989	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		142989
j Total expenses. Add all expense amounts in column (b) and enter total	2j		13772974
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-32563266
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: **APRIO LLP**

(2) EIN: **57-1157523**

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:

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

	Yes	No	Amount
4a		X	

	Yes	No	Amount
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	
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?	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
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.)	X		
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			

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

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

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

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation		Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.		OMB No. 1210-0110 2022 This Form is Open to Public Inspection.	
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022					
A Name of plan UNITED THERAPEUTICS CORPORATION EMPLOYEES' RETIREMENT PLAN				B Three-digit plan number (PN) 001	
C Plan sponsor's name as shown on line 2a of Form 5500 UNITED THERAPEUTICS CORPORATION				D Employer Identification Number (EIN) 52-1984749	
Part I Distributions					
All references to distributions relate only to payments of benefits during the plan year.					
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....				1 0	
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 82-3967259					
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.					
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....				3	
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)					
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.					
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.					
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....				6a	
b Enter the amount contributed by the employer to the plan for this plan year.....				6b	
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....				6c	
If you completed line 6c, skip lines 8 and 9.					
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A					
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A					
Part III Amendments					
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No					
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.					
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No					
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No					
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No					
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No					
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.				Schedule R (Form 5500) 2022 v. 220413	

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
	a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
	c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐		

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

18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	If the total number of participants is 1,000 or more, complete lines (a) 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): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____

**UNITED THERAPEUTICS CORPORATION
EMPLOYEES' RETIREMENT PLAN**

FINANCIAL STATEMENTS

DECEMBER 31, 2022 AND 2021

United Therapeutics Corporation Employees' Retirement Plan

Table of Contents

	Page
Independent Auditor's Report	1 - 5
Financial Statements	
Statements of Net Assets Available for Benefits	6
Statement of Changes in Net Assets Available for Benefits	7
Notes to Financial Statements	8 - 15
Supplemental Schedule	
Schedule of Assets (Held at End of Year)	16 - 17

Independent Auditor's Report

To the Plan Administrator
United Therapeutics Corporation Employees' Retirement Plan
Silver Spring, Maryland

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2022 Financial Statements

We have performed an audit of the accompanying financial statements of United Therapeutics Corporation Employees' Retirement Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C) audit"). The financial statements comprise the Statement of Net Assets Available for Benefits as of December 31, 2022, and the related Statement of Changes in Net Assets Available for Benefits for the year then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of United Therapeutics Corporation Employees' Retirement Plan's 2022 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the plan ("investment information") by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained a certification from a qualified institution as of December 31, 2022 and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2022 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the 2022 Financial Statements section:

- the amounts and disclosures in the 2022 financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the 2022 financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Independent Auditor's Report (continued)

Basis for Opinion on the 2022 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 2022 Financial Statements section of our report. We are required to be independent of United Therapeutics Corporation Employees' Retirement Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2022 Financial Statements

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

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

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

Auditor's Responsibilities for the Audit of the 2022 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2022 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

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

Independent Auditor's Report (continued)

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

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2022 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

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

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

Independent Auditor's Report (continued)

Other Matters

2022 Supplemental Schedule Required by ERISA

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with generally accepted auditing standards. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

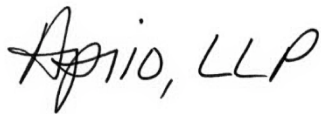
In our opinion:

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

Independent Auditor's Report (continued)

Auditor's Report on the 2021 Financial Statements

Aronson LLC, who merged with Aprio, LLP as of January 1, 2023, performed an audit of the 2021 financial statements of United Therapeutics Corporation Employees' Retirement Plan. In accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the prior year audit did not extend to any statements or information related to assets held for investment of the plan that were certified by a qualified institution. Their report dated July 26, 2022 indicated that (a) the amounts and disclosures in the 2021 financial statements, other than those agreed to or derived from the certified investment information, were presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America, and (b) the information in the 2021 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C). Their report also indicated that the form and content of the 2021 supplemental schedule, other than the information in the 2021 supplemental schedule that agreed to or is derived from the certified investment information, were presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA; and the information in the 2021 supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determines meets the requirements of ERISA Section 103(a)(3)(C).

A handwritten signature in black ink that reads "Aprio, LLP". The signature is stylized, with the "A" being particularly large and the "P" having a long, sweeping tail.

Rockville, Maryland

July 28, 2023

United Therapeutics Corporation Employees' Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2022	2021
Assets		
Investments, at fair value	\$ 184,413,383	\$ 217,040,671
Notes receivable from participants	1,527,587	1,464,946
Net assets available for benefits	\$ 185,940,970	\$ 218,505,617

The accompanying Notes to Financial Statements are an integral part of these financial statements.

United Therapeutics Corporation Employees' Retirement Plan

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2022

Additions (reductions)

Investment income (loss)	
Interest and dividends	\$ 3,404,313
Net depreciation in fair value of investments	(45,624,157)

Total investment loss (42,219,844)

Contributions	
Participant	15,342,558
Employer	5,771,526
Rollovers	2,247,887

Total contributions 23,361,971

Interest income from notes receivable from participants 66,125

Total reductions (18,791,748)

Deductions

Benefits paid to participants	13,629,910
Administrative expenses	142,989

Total deductions 13,772,899

Net decrease (32,564,647)

Net assets available for benefits

Beginning of plan year 218,505,617

End of plan year \$ 185,940,970

The accompanying Notes to Financial Statements are an integral part of these financial statements.

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

-
1. **Description of the Plan** The following description of the United Therapeutics Corporation Employees' Retirement Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General: The Plan is a defined contribution plan covering substantially all employees of United Therapeutics Corporation and its affiliates (collectively, the "Corporation") who are at least 21 years old, except for nonresident aliens, leased employees, employees covered by a collective bargaining agreement, consultants, interns, Fellows, commission only employees, temporary and co-op employees. The Plan was amended and restated effective January 1, 2022 to adopt a pre-approved defined contribution plan sponsored by Schwab Retirement Plan Services. No significant Plan provisions were affected by the amendment and restatement. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

Contributions: Participants may contribute up to 85 percent of pretax annual compensation each year, as defined in the Plan. Roth contributions are also permitted. Participants may also make voluntary after-tax contributions. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified plans (rollovers). The Plan provides for automatic enrollment. Any newly eligible employee who had not affirmatively elected to contribute to the Plan or had not affirmatively declined to participate in the Plan was automatically enrolled in the Plan with a five percent withholding of pretax annual compensation. The Plan allows for discretionary matching contributions. During 2022, the Corporation contributed 40 cents for every dollar deferred by participants, excluding voluntary after-tax contributions, to the Plan. Profit sharing amounts may be contributed at the discretion of the Corporation. Participants must be employed on the last day of the Plan year to receive an allocation of any discretionary profit sharing contribution. This additional requirement is waived when termination is due to death, disability, or normal retirement. There were no such contributions for the Plan year ended December 31, 2022. Contributions are subject to certain limitations.

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

Participant accounts: Each participant's account is credited with the participant's contributions, the Corporation's discretionary matching contributions, if any, as well as allocations of the Corporation's discretionary profit sharing contribution, if any, and Plan earnings. Participant accounts may also be charged with an allocation of investment expenses. Investment earnings and losses are allocated based upon the investment performance of each investment in the participant's account. Allocations of the Corporation's discretionary profit sharing contributions, if any, are allocated with the permitted disparity, based on a two-tiered formula. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Payment of benefits: Benefits are payable upon retirement at age 62, disability, death, or termination of employment. Hardship withdrawals and in-service withdrawals at age 59 1/2 are also permitted, subject to provisions described in the Plan document. Withdrawals from rollover contributions and voluntary after-tax contributions are permitted at any time. Benefits are payable in lump sum payments.

Vesting: Participants are vested immediately in their contributions plus actual earnings thereon. Vesting in the Corporation's discretionary matching and profit sharing contributions is based on years of continuous service. A participant is 33 percent vested after one year of service is completed, 66 percent vested after two years of service is completed and 100 percent vested after three years of service is completed.

Forfeited accounts: At December 31, 2022 and 2021, forfeited nonvested accounts totaled \$94,720 and \$15, respectively. These accounts will be used to reduce future Corporation contributions or to pay Plan expenses. During 2022, \$6,361 of forfeited nonvested accounts was used to reduce Corporation contributions and \$3,040 was used to pay Plan expenses.

Notes receivable from participants: Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum of the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from one to five years or up to ten years for the purchase of a primary residence. The loans are secured by the balance in the participant's account and bear interest at a reasonable rate using the prime lending rate plus one percent at issuance. Principal and interest are paid through payroll deductions.

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

2. Significant accounting policies

Administrative expenses: Certain expenses of maintaining the Plan are paid by the Corporation. Transaction expenses, such as loan and distribution administration fees are charged directly to the participant's account and are included in administrative expenses. Participants are also charged fees for recordkeeping, administrative and investment advisory services. These fees are included in administrative expenses.

Basis of accounting: The financial statements of the Plan are prepared under the accrual method of accounting.

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

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

Notes receivable from participants: Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Delinquent loans are reclassified as distributions based upon the terms of the Plan document.

Payment of benefits: Benefits are recorded when paid.

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

Subsequent events: The Plan has evaluated subsequent events for disclosure in these financial statements through July 28, 2023, which is the date the financial statements were available to be issued.

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

3. Certified information Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments and notes receivable from participants held at December 31, 2022 and 2021, and net depreciation in fair value of investments, interest and dividend income, and interest income from notes receivable from participants for the year ended December 31, 2022, was obtained by management and agreed to or derived from information certified as complete and accurate by Charles Schwab Trust Bank, the trustee of the Plan.

4. Fair value measurements The Plan reports its assets at fair value based on a hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy are described below:

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

Level 2. Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in inactive markets, inputs other than quoted prices that are observable for the asset or liability, and inputs that are derived from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

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

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

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, 2022 and 2021.

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

The fair value of the shares of mutual funds owned by the Plan is based on quoted net asset values on the last business day of the Plan year.

The fair value of the common and collective trust funds is based on the net asset value ("NAV") on the last business day of the Plan year provided by the entity holding the trust funds. The NAV of the common and collective trust is used as a practical expedient to estimate fair value and is determined by the fund trustee based on the fair value of underlying assets in the trust, less its liabilities.

The fair value of assets is as follows:

Assets at Fair Value as of December 31, 2022				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 91,204,471	\$ -	\$ -	\$ 91,204,471
Total assets within the fair value hierarchy	\$ 91,204,471	\$ -	\$ -	91,204,471
Investments measured at net asset value ^(a)				93,208,912
Total assets at fair value				\$ 184,413,383

Assets at Fair Value as of December 31, 2021				
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 121,929,004	\$ -	\$ -	\$ 121,929,004
Total assets within the fair value hierarchy	\$ 121,929,004	\$ -	\$ -	121,929,004
Investments measured at net asset value ^(a)				95,111,667
Total assets at fair value				\$ 217,040,671

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

(a) In accordance with ASC 820, certain investments that were measured at net asset value per share (or its equivalent) as of December 31, 2022 and 2021 have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the Statements of Net Assets Available for Benefits.

Investments in all common and collective trust funds can typically be redeemed by participants immediately at the current net asset value based on the fair value of the underlying assets. Redemptions from the T. Rowe Price Retirement balanced and target date common trusts may require up to 30 days advance written notice. This notice period may be shortened or waived. Withdrawals from the Wells Fargo Stable Value Fund initiated by the Corporation required twelve months notice. In May 2021, the Corporation submitted written notice of its intent to withdraw from the Wells Fargo Stable Value Fund, thereby initiating the twelve month waiting period. During 2022, the waiting period expired and all amounts in this fund were liquidated and reinvested. Withdrawals from the T. Rowe Price Stable Value Fund initiated by the Corporation may require twelve to thirty months written notice. This notice period may be shortened or waived. There are no withdrawal limits, redemption frequency limits or redemption notice periods. There were no unfunded commitments for these investments as of December 31, 2022 and 2021.

- | | |
|-----------------------------------|---|
| 5. Risks and uncertainties | The Plan provides for investments in various securities that are exposed to 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 the amounts reported in future statements of net assets available for benefits. |
| 6. Plan termination | Although it has not expressed any intent to do so, the Corporation 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 will become fully vested in their accounts. |

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

- 7. Tax status** Prior to January 1, 2022, the Plan was a prototype plan of Schwab Retirement Plan Services, Inc., which received an opinion letter on June 19, 2014, in which the Internal Revenue Service ("IRS") stated that the form of the plan document was acceptable under the applicable requirements of the Internal Revenue Code ("IRC"). Effective January 1, 2022, the Plan is a pre-approved plan of Schwab Retirement Plan Services, which received an opinion letter on September 21, 2020, in which the IRS stated that the form of the plan document was acceptable under the applicable requirements of the IRC. The Plan administrator believes that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believes that the Plan is qualified, and the related trust is tax-exempt.

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

- 8. Party-in-interest transactions** Certain Plan investments are managed by affiliates of Charles Schwab Trust Bank. Charles Schwab Trust Bank is the trustee and recordkeeper as defined by the Plan. Fees paid by the Plan to Charles Schwab Trust Bank for recordkeeping expenses and the Plan's investment advisor for advisory services totaled \$142,989 for the year ended December 31, 2022. These transactions qualify as exempt party-in-interest transactions.

- 9. Reconciliation to Form 5500** The following is a reconciliation of amounts in the financial statements to Form 5500 as of December 31, 2022 and 2021 and for the year ended December 31, 2022:

	2022	2021
Net assets available for benefits per the financial statements	\$ 185,940,970	\$ 218,505,617
Employer contributions receivable	1,456	-
Timing difference	(75)	-
Total net assets per Form 5500	\$ 185,942,351	\$ 218,505,617

United Therapeutics Corporation Employees' Retirement Plan

Notes to Financial Statements

Total net decrease per the financial statements	\$ (32,564,647)
Employer contributions receivable - 2022	1,456
Timing difference	(75)
Total net loss per Form 5500	\$ (32,563,266)

10. Subsequent amendment

The Plan was amended effective February 1, 2023 to reduce the maximum percentage of annual compensation participants may contribute each year to 60 percent.

United Therapeutics Corporation Employees' Retirement Plan

EIN: 52-1984749

Plan: 001

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

December 31, 2022

(a)	(b) Identity of Issue, Borrower Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
* <u>Charles Schwab Trust Bank:</u>				
	T. Rowe Price Retirement Balanced Trust	Common Trust	NR	\$ 322,662
	T. Rowe Price Retirement 2005 Active Trust	Common Trust	NR	4,388
	T. Rowe Price Retirement 2010 Active Trust	Common Trust	NR	204,427
	T. Rowe Price Retirement 2015 Active Trust	Common Trust	NR	1,503,302
	T. Rowe Price Retirement 2020 Active Trust	Common Trust	NR	2,688,996
	T. Rowe Price Retirement 2025 Active Trust	Common Trust	NR	6,620,026
	T. Rowe Price Retirement 2030 Active Trust	Common Trust	NR	13,807,657
	T. Rowe Price Retirement 2035 Active Trust	Common Trust	NR	9,050,524
	T. Rowe Price Retirement 2040 Active Trust	Common Trust	NR	16,913,402
	T. Rowe Price Retirement 2045 Active Trust	Common Trust	NR	8,013,145
	T. Rowe Price Retirement 2050 Active Trust	Common Trust	NR	7,986,010
	T. Rowe Price Retirement 2055 Active Trust	Common Trust	NR	2,986,507
	T. Rowe Price Retirement 2060 Active Trust	Common Trust	NR	1,384,541
	T. Rowe Price Retirement 2065 Active Trust	Common Trust	NR	212,912
	Global Real Estate Securities Fund	Collective Trust	NR	2,428,589
	PIMCO Total Return Collective Trust Fund	Collective Trust	NR	6,405,590
	T. Rowe Price Stable Value Fund	Common Trust	NR	12,676,234
	American Funds EuroPacific Growth Fund	Mutual Fund	NR	5,112,626
	Cardinal Small Cap Value Fund	Mutual Fund	NR	2,511,326
	Harbor Capital Appreciation Fund	Mutual Fund	NR	8,817,325
	Harbor Small Cap Growth Fund	Mutual Fund	NR	2,225,549
	iShares Russell Small/Mid-Cap Index Fund	Mutual Fund	NR	4,179,901
	iShares U.S. Aggregate Bond Index Fund	Mutual Fund	NR	4,876,051
	Neuberger Berman Emerging Markets Equity Fund	Mutual Fund	NR	1,373,583
	PIMCO Inflation Response Multi-Asset Fund	Mutual Fund	NR	836,952
	Touchstone Mid Cap Growth Fund	Mutual Fund	NR	2,340,458
	* Schwab S&P 500 Index Fund	Mutual Fund	NR	27,516,368
	T. Rowe Price Science and Technology Fund	Mutual Fund	NR	8,050,221
	T. Rowe Price Value Fund	Mutual Fund	NR	8,098,892
	T. Rowe Price Institutional Large Cap Core Growth Fund	Mutual Fund	NR	3,065,199

Refer to accompanying Independent Auditor's Report.

United Therapeutics Corporation Employees' Retirement Plan

EIN: 52-1984749

Plan: 001

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)(Continued)

December 31, 2022

Schedule of Investments				
(a)	(b) Identity of Issue, Borrower Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) Cost	(e) Current Value
	Transamerica Mid Cap Value Opportunities Fund	Mutual Fund	NR	6,488,904
	Vanguard FTSE All-World ex-US Index Fund	Mutual Fund	NR	5,711,116
	Subtotal			184,413,383
	* Participant loans	Various, bearing interest from 4.25% - 8.50%	-	1,527,587
	Total			\$ 185,940,970

* A party-in-interest as defined by ERISA.

NR - Not required for participant directed funds.

Refer to accompanying Independent Auditor's Report.

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

NAME OF PLAN SPONSOR:	United Therapeutics Corporation
NAME OF PLAN:	United Therapeutics Corporation Employees' Retirement Plan
EIN:	52-1984749
PLAN NUMBER:	001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current Value
*	PARTICIPANT LOANS	Loans (4.25% - 8.50%)		1,552,587
	GLOBAL REAL ESTATE SEC FUND 1	Common Collective Trust Fund		2,427,792
	PIMCO TOT RTN COLLECTIVE TRUST	Common Collective Trust Fund		6,405,376
	T ROWE PRICE RET 2005 ACTIVE A	Common Collective Trust Fund		4,388
	T ROWE PRICE RET 2010 ACTIVE A	Common Collective Trust Fund		204,427
	T ROWE PRICE RET 2015 ACTIVE A	Common Collective Trust Fund		1,503,302
	T ROWE PRICE RET 2020 ACTIVE A	Common Collective Trust Fund		2,688,996
	T ROWE PRICE RET 2025 ACTIVE A	Common Collective Trust Fund		6,620,026
	T ROWE PRICE RET 2030 ACTIVE A	Common Collective Trust Fund		13,807,657
	T ROWE PRICE RET 2035 ACTIVE A	Common Collective Trust Fund		9,050,524
	T ROWE PRICE RET 2040 ACTIVE A	Common Collective Trust Fund		16,913,402
	T ROWE PRICE RET 2045 ACTIVE A	Common Collective Trust Fund		8,013,145
	T ROWE PRICE RET 2050 ACTIVE A	Common Collective Trust Fund		7,986,010
	T ROWE PRICE RET 2055 ACTIVE A	Common Collective Trust Fund		2,986,507
	T ROWE PRICE RET 2060 ACTIVE A	Common Collective Trust Fund		1,384,541
	T ROWE PRICE RET 2065 ACTIVE A	Common Collective Trust Fund		212,912
	T ROWE PRICE RET BAL ACTIVE A	Common Collective Trust Fund		322,662
	T ROWE PRICE SV COM TRUST A	Common Collective Trust Fund		12,676,003
	CARDINAL SMALL CAP VALUE INST	Registered Investment Company		2,511,326
	EUROPACIFIC GROWTH R6	Registered Investment Company		5,111,880
	HARBOR CAPITAL APPRECIATION	Registered Investment Company		8,817,325
	HARBOR SMALL CAP GROWTH I	Registered Investment Company		2,225,549
	ISHARES RSSL SM/MID-CAP IDX K	Registered Investment Company		4,176,882
	ISHARES US AGGREGATE BD INDX K	Registered Investment Company		4,868,534
	NEUBERGER BERMAN EMMKTS EQTYR6	Registered Investment Company		1,372,960
	PIMCO INFL RESPONS MULTI ASSET	Registered Investment Company		836,952
*	SCHWAB S&P 500 INDEX FUND	Registered Investment Company		27,510,605
	T ROWE PRICE SCIENCE & TECH I	Registered Investment Company		8,050,221
	T ROWE PRICE VALUE I	Registered Investment Company		8,097,374
	TOUCHSTONE MID CAP GROWTH R6	Registered Investment Company		2,339,880
	TRANSAM MID CAP VAL OPPTY R6	Registered Investment Company		6,488,044
	T ROWE PRICE INSTL LCAP CORG WTH	Registered Investment Company		3,065,199
	VGD FTSE ALL WRLD US INDX ADM	Registered Investment Company		5,707,907

* Party-in-interest