Form **990-PF**

Department of the Treasury
Internal Revenue Service

Return of Private Foundation

or Section 4947(a)(1) Trust Treated as Private Foundation

▶ Do not enter social security numbers on this form as it may be made public.

▶ Go to *www.irs.gov/Form990PF* for instructions and the latest information.

OMB No. 1545-0052

2018

Open to Public Inspection

For calendar year 2018 or tax year beginning July 1 **, 2018, and ending** June 30 **, 20** 19

Name of foundation: New Hope Research Foundation, Inc.

A Employer identification number: 87 0790903

Number and street (or P.O. box number if mail is not delivered to street address): 6 Charley Lake Court | Room/suite:

B Telephone number (see instructions): 612-840-5881

City or town, state or province, country, and ZIP or foreign postal code: North Oaks, MN 55127-6219

C If exemption application is pending, check here ▶ ☐

G Check all that apply: ☐ Initial return ☐ Initial return of a former public charity ☐ Final return ☐ Amended return ☐ Address change ☐ Name change

D 1. Foreign organizations, check here . . . ▶ ☐

2. Foreign organizations meeting the 85% test, check here and attach computation . . ▶ ☐

H Check type of organization: ☑ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation

E If private foundation status was terminated under section 507(b)(1)(A), check here . . . . ▶ ☐

I Fair market value of all assets at end of year (from Part II, col. (c), line 16) ▶ $ 1,355,259

J Accounting method: ☑ Cash ☐ Accrual ☐ Other (specify) (Part I, column (d) must be on cash basis.)

F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here . . ▶ ☐

Part I **Analysis of Revenue and Expenses** (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions).)

	Line	Description	(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1	Contributions, gifts, grants, etc., received (attach schedule)	162,743			
	2	Check ▶ ☐ if the foundation is not required to attach Sch. B				
	3	Interest on savings and temporary cash investments	654	654	654	
	4	Dividends and interest from securities	15,139	15,139	15,139	
	5a	Gross rents	-0-	-0-	-0-	
	b	Net rental income or (loss) -0-				
	6a	Net gain or (loss) from sale of assets not on line 10	12,559			
	b	Gross sales price for all assets on line 6a 337,814				
	7	Capital gain net income (from Part IV, line 2)		69,274		
	8	Net short-term capital gain			1,162	
	9	Income modifications			-0-	
	10a	Gross sales less returns and allowances -0-				
	b	Less: Cost of goods sold -0-				
	c	Gross profit or (loss) (attach schedule)	-0-		-0-	
	11	Other income (attach schedule)	-0-	-0-	-0-	
	12	**Total.** Add lines 1 through 11	191,094	85,067	16,955	
Operating and Administrative Expenses	13	Compensation of officers, directors, trustees, etc.	-0-	-0-	-0-	-0-
	14	Other employee salaries and wages	-0-	-0-	-0-	-0-
	15	Pension plans, employee benefits	-0-	-0-	-0-	-0-
	16a	Legal fees (attach schedule)	Stmt 1: 29,481	-0-	-0-	29,481
	b	Accounting fees (attach schedule)	-0-	-0-	-0-	-0-
	c	Other professional fees (attach schedule)	-0-	-0-	-0-	-0-
	17	Interest	-0-	-0-	-0-	-0-
	18	Taxes (attach schedule) (see instructions)	Stmt 2: 276	276	276	-0-
	19	Depreciation (attach schedule) and depletion	-0-	-0-	-0-	
	20	Occupancy	-0-	-0-	-0-	-0-
	21	Travel, conferences, and meetings	7,830	-0-	-0-	7,830
	22	Printing and publications	-0-	-0-	-0-	-0-
	23	Other expenses (attach schedule)	Stmt 3: 530,634	7	7	530,628
	24	**Total operating and administrative expenses.** Add lines 13 through 23	568,221	282	282	567,938
	25	Contributions, gifts, grants paid	57,015			57,015
	26	**Total expenses and disbursements.** Add lines 24 and 25	625,235	282	282	624,953
	27	Subtract line 26 from line 12:				
	a	**Excess of revenue over expenses and disbursements**	-434,141			
	b	**Net investment income** (if negative, enter -0-)		84,785		
	c	**Adjusted net income** (if negative, enter -0-)			16,673	

Part II	Balance Sheets Attached schedules and amounts in the description column should be for end-of-year amounts only. (See instructions.)	Beginning of year (a) Book Value	End of year (b) Book Value	End of year (c) Fair Market Value
Assets 1	Cash—non-interest-bearing	-0-	-0-	-0-
2	Savings and temporary cash investments	882,183	435,004	440,975
3	Accounts receivable ▶ None			
	Less: allowance for doubtful accounts ▶ None	-0-	-0-	-0-
4	Pledges receivable ▶ None			
	Less: allowance for doubtful accounts ▶ None	-0-	-0-	-0-
5	Grants receivable	-0-	-0-	-0-
6	Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)	-0-	-0-	-0-
7	Other notes and loans receivable (attach schedule) ▶ None			
	Less: allowance for doubtful accounts ▶ None	-0-	-0-	-0-
8	Inventories for sale or use	-0-	-0-	-0-
9	Prepaid expenses and deferred charges	-0-	-0-	-0-
10a	Investments—U.S. and state government obligations (attach schedule)	-0-	-0-	-0-
b	Investments—corporate stock (attach schedule)	Stmt 4: 604,854	617,892	826,629
c	Investments—corporate bonds (attach schedule)	-0-	-0-	-0-
11	Investments—land, buildings, and equipment: basis ▶ None			
	Less: accumulated depreciation (attach schedule) ▶ None	-0-	-0-	-0-
12	Investments—mortgage loans	-0-	-0-	-0-
13	Investments—other (attach schedule)	-0-	-0-	-0-
14	Land, buildings, and equipment: basis ▶ Stereotaxic Unit: $1,945			
	Less: accumulated depreciation (attach schedule) ▶ -0-	1,1945	1,945	1,945
15	Other assets (describe ▶ US Patents: 15/145293, 62/456281)	85,710	85,710	85,710
16	**Total assets** (to be completed by all filers—see the instructions. Also, see page 1, item I)	1,574,692	1,140,551	1,355,259
Liabilities 17	Accounts payable and accrued expenses	-0-	-0-	
18	Grants payable	-0-	-0-	
19	Deferred revenue	-0-	-0-	
20	Loans from officers, directors, trustees, and other disqualified persons	-0-	-0-	
21	Mortgages and other notes payable (attach schedule)	-0-	-0-	
22	Other liabilities (describe ▶)	-0-	-0-	
23	**Total liabilities** (add lines 17 through 22)	-0-	-0-	
Net Assets or Fund Balances	**Foundations that follow SFAS 117, check here ▶ ☐ and complete lines 24 through 26, and lines 30 and 31.**			
24	Unrestricted			
25	Temporarily restricted			
26	Permanently restricted			
	Foundations that do not follow SFAS 117, check here ▶ ☑ and complete lines 27 through 31.			
27	Capital stock, trust principal, or current funds	-0-	-0-	
28	Paid-in or capital surplus, or land, bldg., and equipment fund	-0-	-0-	
29	Retained earnings, accumulated income, endowment, or other funds	1,574,692	1,140,551	
30	**Total net assets or fund balances** (see instructions)	1,574,692	1,140,551	
31	**Total liabilities and net assets/fund balances** (see instructions)	1,574,692	1,140,551	

Part III Analysis of Changes in Net Assets or Fund Balances

1	Total net assets or fund balances at beginning of year—Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	1,574,692
2	Enter amount from Part I, line 27a	2	-434,141
3	Other increases not included in line 2 (itemize) ▶	3	-0-
4	Add lines 1, 2, and 3	4	1,140,551
5	Decreases not included in line 2 (itemize) ▶	5	-0-
6	Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 30	6	1,140,551

Part IV Capital Gains and Losses for Tax on Investment Income

	(a) List and describe the kind(s) of property sold (for example, real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a	Nike Inc. B Stock, 959 shares	D	07/23/2003	08/14/2018
b	Fifth Third Bank CD, $150,000 face, sold prior to earning interest	P	08/24/2018	12/24/2018
c	Synchrony Draper UT CD, $150,000 face, sold prior to earning interest	P	08/22/2018	12/24/2018
d				
e				

	(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) ((e) plus (f) minus (g))
a	77,037	-0-	8,925	68,112
b	150,596	-0-	150,000	596
c	150,566	-0-	150,000	566
d				
e				

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69.

	(i) FMV as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
a				68,112
b				596
c				566
d				
e				

2	Capital gain net income or (net capital loss) { If gain, also enter in Part I, line 7 / If (loss), enter -0- in Part I, line 7 }	2	69,274
3	Net short-term capital gain or (loss) as defined in sections 1222(5) and (6): If gain, also enter in Part I, line 8, column (c). See instructions. If (loss), enter -0- in Part I, line 8	3	1,162

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income.)

If section 4940(d)(2) applies, leave this part blank.

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? ☐ Yes ☑ No
If "Yes," the foundation doesn't qualify under section 4940(e). Do not complete this part.

1 Enter the appropriate amount in each column for each year; see the instructions before making any entries.

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2017	180,944	1,504,732	0.1202
2016	206,865	1,321,689	0.1565
2015	120,687	1,186,349	0.1017
2014	140,927	1,057,948	0.1332
2013	136,866	714,328	0.1916

2	**Total** of line 1, column (d)	2	0.7032
3	Average distribution ratio for the 5-year base period—divide the total on line 2 by 5.0, or by the number of years the foundation has been in existence if less than 5 years	3	0.1406
4	Enter the net value of noncharitable-use assets for 2018 from Part X, line 5	4	1,299,903
5	Multiply line 4 by line 3	5	182,766
6	Enter 1% of net investment income (1% of Part I, line 27b)	6	848
7	Add lines 5 and 6	7	183,614
8	Enter qualifying distributions from Part XII, line 4	8	624,953

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate. See the Part VI instructions.

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948—see instructions)

1a	Exempt operating foundations described in section 4940(d)(2), check here ▶ ☐ and enter "N/A" on line 1. Date of ruling or determination letter: ________ (attach copy of letter if necessary—see instructions)			
b	Domestic foundations that meet the section 4940(e) requirements in Part V, check here ▶ ☑ and enter 1% of Part I, line 27b	1	847	85
c	All other domestic foundations enter 2% of line 27b. Exempt foreign organizations, enter 4% of Part I, line 12, col. (b).			
2	Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)	2	0	00
3	Add lines 1 and 2	3	847	85
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)	4	0	00
5	**Tax based on investment income.** Subtract line 4 from line 3. If zero or less, enter -0-	5	847	85
6	Credits/Payments:			
a	2018 estimated tax payments and 2017 overpayment credited to 2018 — 6a: 0 00			
b	Exempt foreign organizations—tax withheld at source — 6b: N/A			
c	Tax paid with application for extension of time to file (Form 8868) — 6c: 0 00			
d	Backup withholding erroneously withheld — 6d: 0 00			
7	Total credits and payments. Add lines 6a through 6d	7	0	00
8	Enter any **penalty** for underpayment of estimated tax. Check here ☐ if Form 2220 is attached	8	0	00
9	**Tax due.** If the total of lines 5 and 8 is more than line 7, enter **amount owed** ▶	9	847	85
10	**Overpayment.** If line 7 is more than the total of lines 5 and 8, enter the **amount overpaid** ▶	10	0	00
11	Enter the amount of line 10 to be: **Credited to 2019 estimated tax** ▶ -0- **Refunded** ▶	11	0	00

Part VII-A Statements Regarding Activities

		Line	Yes	No
1a	During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?	1a		✔
b	Did it spend more than $100 during the year (either directly or indirectly) for political purposes? See the instructions for the definition	1b		✔
	If the answer is "Yes" to **1a** or **1b,** attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.			
c	Did the foundation file **Form 1120-POL** for this year?	1c		✔
d	Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: **(1)** On the foundation. ▶ $ None **(2)** On foundation managers. ▶ $ None			
e	Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. ▶ $ None			
2	Has the foundation engaged in any activities that have not previously been reported to the IRS? If "Yes," attach a detailed description of the activities.	2		✔
3	Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes	3		✔
4a	Did the foundation have unrelated business gross income of $1,000 or more during the year?	4a		✔
b	If "Yes," has it filed a tax return on **Form 990-T** for this year? N/A	4b		
5	Was there a liquidation, termination, dissolution, or substantial contraction during the year? If "Yes," attach the statement required by *General Instruction T.*	5		✔
6	Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	6	✔	
7	Did the foundation have at least $5,000 in assets at any time during the year? If "Yes," complete Part II, col. (c), and Part XV	7	✔	
8a	Enter the states to which the foundation reports or with which it is registered. See instructions. ▶ Minnesota			
b	If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by *General Instruction G?* If "No," attach explanation	8b	✔	
9	Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2018 or the tax year beginning in 2018? See the instructions for Part XIV. If "Yes," complete Part XIV	9	✔	
10	Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses	10	✔	

Part VII-A **Statements Regarding Activities** *(continued)*

			Yes	No
11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule. See instructions	11		✔
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement. See instructions	12		✔
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	13	✔	

Website address ▶ http://www.NewHopeResearch.org/financials.html

14 The books are in care of ▶ John G. Keimel Telephone no. ▶ 612-840-5881
Located at ▶ 6 Charley Lake Court ZIP+4 ▶ 55127-6219

15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of **Form 1041**—check here . . . ▶ ☐
and enter the amount of tax-exempt interest received or accrued during the year . . . ▶ | 15 | N/A

			Yes	No
16	At any time during calendar year 2018, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country?	16		✔
	See the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country ▶ N/A			

Part VII-B **Statements Regarding Activities for Which Form 4720 May Be Required**

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

			Yes	No
1a	During the year, did the foundation (either directly or indirectly):			
	(1) Engage in the sale or exchange, or leasing of property with a disqualified person? ☐ Yes ☑ No			
	(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? ☐ Yes ☑ No			
	(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person? ☐ Yes ☑ No			
	(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person? ☐ Yes ☑ No			
	(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)? ☐ Yes ☑ No			
	(6) Agree to pay money or property to a government official? (**Exception.** Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.) ☐ Yes ☑ No			
b	If any answer is "Yes" to 1a(1)–(6), did **any** of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance? See instructions N/A	1b		
	Organizations relying on a current notice regarding disaster assistance, check here ▶ ☐			
c	Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2018?	1c		✔
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)): 2018 Private Operating Foundation			
a	At the end of tax year 2018, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2018? N/A ☐ Yes ☐ No If "Yes," list the years ▶ 20 ___ , 20 ___ , 20 ___ , 20 ___			
b	Are there any years listed in 2a for which the foundation is **not** applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to **all** years listed, answer "No" and attach statement—see instructions.) N/A	2b		
c	If the provisions of section 4942(a)(2) are being applied to **any** of the years listed in 2a, list the years here. ▶ 20 ___ , 20 ___ , 20 ___ , 20 ___			
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? ☐ Yes ☑ No			
b	If "Yes," did it have excess business holdings in 2018 as a result of **(1)** any purchase by the foundation or disqualified persons after May 26, 1969; **(2)** the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or **(3)** the lapse of the 10-, 15-, or 20-year first phase holding period? (Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2018.) N/A	3b		
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a		✔
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2018?	4b		✔

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required *(continued)*

			Yes	No
5a	During the year, did the foundation pay or incur any amount to:			
	(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? ☐ Yes ☑ No			
	(2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? ☐ Yes ☑ No			
	(3) Provide a grant to an individual for travel, study, or other similar purposes? ☐ Yes ☑ No			
	(4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? See instructions ☐ Yes ☑ No			
	(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? ☐ Yes ☑ No			
b	If any answer is "Yes" to 5a(1)–(5), did **any** of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance? See instructions N/A	5b		
	Organizations relying on a current notice regarding disaster assistance, check here ▶ ☐			
c	If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? N/A ☐ Yes ☐ No			
	If "Yes," attach the statement required by Regulations section 53.4945–5(d).			
6a	Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? ☐ Yes ☑ No			
b	Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	6b		✔
	If "Yes" to 6b, file Form 8870.			
7a	At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? ☐ Yes ☑ No			
b	If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? N/A	7b		
8	Is the foundation subject to the section 4960 tax on payment(s) of more than $1,000,000 in remuneration or excess parachute payment(s) during the year? ☐ Yes ☑ No			

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, and foundation managers and their compensation. See instructions.

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
John G. Keimel 6 Charley Lake Court, North Oaks, MN 55127-6219	Chair / President 32 hr / wk	-0-	-0-	-0-
Ellen L. Kraft 6 Charley Lake Court, North Oaks, MN 55127-6219	Vice Chair 0.5 hr / wk	-0-	-0-	-0-
Raymond S. Schreyer, MD 210 Alexander Drive, Linwood, NJ 08221-1544	Board Member 1 hr / month	-0-	-0-	-0-

2 Compensation of five highest-paid employees (other than those included on line 1—see instructions). If none, enter "NONE."

(a) Name and address of each employee paid more than $50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
None				

Total number of other employees paid over $50,000 ▶ -0-

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors *(continued)*

3 Five highest-paid independent contractors for professional services. See instructions. If none, enter "NONE."

(a) Name and address of each person paid more than $50,000	(b) Type of service	(c) Compensation
None		
Total number of others receiving over $50,000 for professional services ▶		-0-

Part IX-A Summary of Direct Charitable Activities

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.	Expenses
1 Directed Medical Research: New Hope Research Foundation conducted medical and scientific research and development on gene vectors and methods of gene delivery for GM2 gangliosidosis therapy. The focus in the the past year has been on the initiation of IND enabling studies and vector manufacturing & development.	595,472
2 New Idea Development: New Hope Research Foundation developed specific technologies related to delivery of gene to the central nervous system for the treatment of lysosomal storage diseases. The Foundation has worldwide rights to key intellectual property and has submitted additional US & PCT patent applications.	29,481
3 Education and Communication for Patients and Families: Foundation has maintained a website on lysosomal storage diseases and the underlying mechanisms. The site explains the research being conducted. The Foundation also supports the scientific presentations of this research at medical conferences.	108
4 Medical Research & Development Project Management: Established a master plan for medical research, conducted reviews of proposed research, coordinated research being conducted at academic sites, and provided review of results. Project management and independent scientific review support were donated.	-0-

Part IX-B Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.	Amount
1 None	-0-
2	
All other program-related investments. See instructions.	
3 None	-0-
Total. Add lines 1 through 3 ▶	-0-

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:				
a	Average monthly fair market value of securities			1a	1,111,759
b	Average of monthly cash balances			1b	238,144
c	Fair market value of all other assets (see instructions)			1c	-0-
d	**Total** (add lines 1a, b, and c)			1d	1,349,903
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	-0-		
2	Acquisition indebtedness applicable to line 1 assets			2	-0-
3	Subtract line 2 from line 1d			3	1,349,903
4	Cash deemed held for charitable activities. Enter 1½% of line 3 (for greater amount, see instructions) See Stmt 5			4	50,000
5	**Net value of noncharitable-use assets.** Subtract line 4 from line 3. Enter here and on Part V, line 4			5	1,299,903
6	**Minimum investment return.** Enter 5% of line 5			6	64,995

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations, check here ▶ ☑ and do not complete this part.)

1	Minimum investment return from Part X, line 6			1	
2a	Tax on investment income for 2018 from Part VI, line 5	2a			
b	Income tax for 2018. (This does not include the tax from Part VI.)	2b			
c	Add lines 2a and 2b			2c	
3	Distributable amount before adjustments. Subtract line 2c from line 1			3	
4	Recoveries of amounts treated as qualifying distributions			4	
5	Add lines 3 and 4			5	
6	Deduction from distributable amount (see instructions)			6	
7	**Distributable amount** as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1			7	

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
a	Expenses, contributions, gifts, etc.—total from Part I, column (d), line 26	1a	624,953
b	Program-related investments—total from Part IX-B	1b	-0-
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	-0-
3	Amounts set aside for specific charitable projects that satisfy the:		
a	Suitability test (prior IRS approval required)	3a	-0-
b	Cash distribution test (attach the required schedule)	3b	-0-
4	**Qualifying distributions.** Add lines 1a through 3b. Enter here and on Part V, line 8; and Part XIII, line 4	4	624,953
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b. See instructions	5	848
6	**Adjusted qualifying distributions.** Subtract line 5 from line 4	6	624,105

Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions) N/A — Designated Private Operating Foundation

		(a) Corpus	(b) Years prior to 2017	(c) 2017	(d) 2018
1	Distributable amount for 2018 from Part XI, line 7				
2	Undistributed income, if any, as of the end of 2018:				
a	Enter amount for 2017 only				
b	Total for prior years: 20 ____ , 20 ____ , 20 ____				
3	Excess distributions carryover, if any, to 2018:				
a	From 2013				
b	From 2014				
c	From 2015				
d	From 2016				
e	From 2017				
f	**Total** of lines 3a through e				
4	Qualifying distributions for 2018 from Part XII, line 4: ▶ $ ____________				
a	Applied to 2017, but not more than line 2a				
b	Applied to undistributed income of prior years (Election required—see instructions)				
c	Treated as distributions out of corpus (Election required—see instructions)				
d	Applied to 2018 distributable amount				
e	Remaining amount distributed out of corpus				
5	Excess distributions carryover applied to 2018 (If an amount appears in column (d), the same amount must be shown in column (a).)				
6	**Enter the net total of each column as indicated below:**				
a	Corpus. Add lines 3f, 4c, and 4e. Subtract line 5				
b	Prior years' undistributed income. Subtract line 4b from line 2b				
c	Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed				
d	Subtract line 6c from line 6b. Taxable amount—see instructions				
e	Undistributed income for 2017. Subtract line 4a from line 2a. Taxable amount—see instructions				
f	Undistributed income for 2018. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2019				
7	Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required—see instructions)				
8	Excess distributions carryover from 2013 not applied on line 5 or line 7 (see instructions)				
9	**Excess distributions carryover to 2019.** Subtract lines 7 and 8 from line 6a				
10	Analysis of line 9:				
a	Excess from 2014				
b	Excess from 2015				
c	Excess from 2016				
d	Excess from 2017				
e	Excess from 2018				

Part XIV **Private Operating Foundations** (see instructions and Part VII-A, question 9)

1a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2018, enter the date of the ruling . . . . ▶ **August 17, 2007**

b Check box to indicate whether the foundation is a private operating foundation described in section ☑ 4942(j)(3) or ☐ 4942(j)(5)

	Tax year	Prior 3 years			(e) Total
	(a) 2018	**(b)** 2017	**(c)** 2016	**(d)** 2015	
2a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed	16,673	12,334	12,137	-0-	41,144
b 85% of line 2a	14,172	10,484	10,316	-0-	34,972
c Qualifying distributions from Part XII, line 4 for each year listed	624,953	180,944	208,927	120,687	1,135,511
d Amounts included in line 2c not used directly for active conduct of exempt activities	-0-	-0-	-0-	-0-	-0-
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c	624,953	180,944	208,927	120,687	1,135,511
3 Complete 3a, b, or c for the alternative test relied upon:					
a "Assets" alternative test—enter: (1) Value of all assets					
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b "Endowment" alternative test—enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed	64,995	50,158	44,056	39,545	198,754
c "Support" alternative test—enter: (1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					
(3) Largest amount of support from an exempt organization					
(4) Gross investment income					

Part XV **Supplementary Information (Complete this part only if the foundation had $5,000 or more in assets at any time during the year—see instructions.)**

1 **Information Regarding Foundation Managers:**

a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than $5,000). (See section 507(d)(2).)

John G. Keimel and Ellen L. Kraft

b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

None

2 **Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:**

Check here ▶ ☐ if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc., to individuals or organizations under other conditions, complete items 2a, b, c, and d. See instructions.

a The name, address, and telephone number or email address of the person to whom applications should be addressed:

John G. Keimel; 6 Charley Lake Court, North Oaks, MN 55127-6219; Jack.Keimel@NewHopeResearch.org

b The form in which applications should be submitted and information and materials they should include:

Reference the "New Hope Research Foundation - Grant Proposal Process" at www.NewHopeResearch.org/grants

c Any submission deadlines:

Grant proposals are now being reviewed on a periodic basis throughout the year.

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors:

Reference the "New Hope Research Foundation - Grant Proposal Process" at www.NewHopeResearch.org/grants

Part XV Supplementary Information *(continued)*

3 Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a *Paid during the year*				
Queen's University at Kingston 78 Fifth Field Company Lane, Kingston, ON	None	NC	Gene Therapy Medical Research	57,015
Total . . . . ▶ **3a**				57,015
b *Approved for future payment*				
Queen's University at Kingston 78 Fifth Field Company Lane, Kingston, ON	None	NC	Gene Therapy Medical Research	295,989
Total . . . . ▶ **3b**				295,989

Part XVI-A Analysis of Income-Producing Activities

Enter gross amounts unless otherwise indicated.	Unrelated business income		Excluded by section 512, 513, or 514		(e) Related or exempt function income (See instructions.)
	(a) Business code	(b) Amount	(c) Exclusion code	(d) Amount	
1 Program service revenue:					
a None				-0-	
b					
c					
d					
e					
f					
g Fees and contracts from government agencies				-0-	
2 Membership dues and assessments				-0-	
3 Interest on savings and temporary cash investments			14	654	
4 Dividends and interest from securities			14	15,139	
5 Net rental income or (loss) from real estate:					
a Debt-financed property					
b Not debt-financed property					
6 Net rental income or (loss) from personal property					
7 Other investment income					
8 Gain or (loss) from sales of assets other than inventory			18	12,559	
9 Net income or (loss) from special events					
10 Gross profit or (loss) from sales of inventory					
11 Other revenue: a					
b					
c					
d					
e					
12 Subtotal. Add columns (b), (d), and (e)		-0-		28,352	-0-

13 **Total.** Add line 12, columns (b), (d), and (e) 13 28,352

(See worksheet in line 13 instructions to verify calculations.)

Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes

Line No. ▼	Explain below how each activity for which income is reported in column (e) of Part XVI-A contributed importantly to the accomplishment of the foundation's exempt purposes (other than by providing funds for such purposes). (See instructions.)
N/A	None

Part XVII Information Regarding Transfers to and Transactions and Relationships With Noncharitable Exempt Organizations

			Yes	No
1	Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?			
a	Transfers from the reporting foundation to a noncharitable exempt organization of:			
	(1) Cash	1a(1)		✔
	(2) Other assets	1a(2)		✔
b	Other transactions:			
	(1) Sales of assets to a noncharitable exempt organization	1b(1)		✔
	(2) Purchases of assets from a noncharitable exempt organization	1b(2)		✔
	(3) Rental of facilities, equipment, or other assets	1b(3)		✔
	(4) Reimbursement arrangements	1b(4)		✔
	(5) Loans or loan guarantees	1b(5)		✔
	(6) Performance of services or membership or fundraising solicitations	1b(6)		✔
c	Sharing of facilities, equipment, mailing lists, other assets, or paid employees	1c		✔

d If the answer to any of the above is "Yes," complete the following schedule. Column **(b)** should always show the fair market value of the goods, other assets, or services given by the reporting foundation. If the foundation received less than fair market value in any transaction or sharing arrangement, show in column **(d)** the value of the goods, other assets, or services received.

(a) Line no.	**(b)** Amount involved	**(c)** Name of noncharitable exempt organization	**(d)** Description of transfers, transactions, and sharing arrangements
N/A	N/A	N/A	N/A

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) (other than section 501(c)(3)) or in section 527? ☐ Yes ☑ No

b If "Yes," complete the following schedule.

(a) Name of organization	**(b)** Type of organization	**(c)** Description of relationship
N/A	N/A	N/A

Sign Here

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

John G. Kimel | 11/15/2019 | Chairman / President

Signature of officer or trustee | Date | Title

May the IRS discuss this return with the preparer shown below? See instructions. ☐ Yes ☐ No

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check ☐ if self-employed	PTIN
Firm's name ▶			Firm's EIN ▶	
Firm's address ▶			Phone no.	

Statement 1: Legal Fees -- Form 990-PF, Part I, Line 16a

Legal Fees – Patent and Licensing	(a) Expenses Per Books	(b) Investment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Patent Applications and Licensing	29,481	0	0	29,481
Total	29,481	0	0	29,481

Statement 2: Taxes -- Form 990-PF, Part I, Line18

Taxes – Related to investment income	(a) Expenses Per Books	(b) Investment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Excise tax (Form 990-PF)	247	247	247	0
State of Minnesota	29	29	29	0
Total	276	276	276	0

Statement 3: Other Expenses -- Form 990-PF, Part I, Line 23

Other Expenses	(a) Expenses Per Books	(b) Investment Income	(c) Adjusted Net Income	(d) Charitable Purposes
Medical Research Supplies – Plasmids, Vectors, Catheters, etc.	50,034	0	0	50,034
Research Required Software	295	0	0	295
Website Annual Fee	108	0	0	108
Inventor Recognition	174	0	0	174
Vector Production Process Dev.	480,000	0	0	480,000
Document / supplies shipping	23	7	7	17
Total	530,634	7	7	530,628

Statement 4: Investments in Corporate Stocks -- Form 990-PF, Part II, Line 10b

Corporate Stocks	(a) Beginning of Year Book Value	(b) End of Year Book Value	(c) End of Year Fair Market Value
Medtronic, PLC	332,316	332,316	420,725
SPDR Trust Series 1 ETF	207,283	207,283	322,300
Nike, Inc. B	65,255	0	0
Home Depot	0	78,294	83,604
Total	604,854	617,892	826,629

Statement 5: Cash deemed held for charitable activities -- Form 990-PF, Part X, Line 4 -- Medical research agreements / grants approved with remaining future payments of $295,989 are shown in Part XV. This total amount exceeds the foundations historical average annual charitable expenses and disbursements. The individual milestone payments, which range from $18,510 to $47,310, are due within 30 days of defined research milestones being met. It is deemed appropriate to hold a minimum of $50,000 in cash to allow for timely milestone payments. This amount exceeds the calculated 1.5% of the average fair market value of assets.