Return of Organization Exempt From Income Tax
Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

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

Open to Public Inspection

OMB No. 1545-0047

Department of the Treasury Internal Revenue Service

Information about Form 990 and its instructions is at www.irs.gov/form990.

Common organization	ΑI	For the	2016 calendar year, or tax year beginning	and	ending	_	
Doing business as Number and street (or P.D. box if mail is not delivered to street address) Room/suite E Telephone number 1900 CKONN COLONY DRIVE, 3RD PLOOR City or flow, state or province, country, and ZiP or foreign postal code City 249 7300 38,413,936, 1730x7, xa. 20159 City or flow, state or province, country, and ZiP or foreign postal code City 249 7300 Suitarcy, xa. 20159 Fixma and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime and address of principal officer/PETER SALTONSYALL High sti	B	Check if applicable	:			D Employer identif	ication number
Doing business as Number and street (or P.D. box if mail is not delivered to street address) Room/suite E Telephone number 1900 CKONN COLONY DRIVE, 3RD PLOOR City or flow, state or province, country, and ZiP or foreign postal code City 249 7300 38,413,936, 1730x7, xa. 20159 City or flow, state or province, country, and ZiP or foreign postal code City 249 7300 Suitarcy, xa. 20159 Fixma and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime a group return for subordinates? The Name and address of principal officer/PETER SALTONSYALL High stime and address of principal officer/PETER SALTONSYALL High sti		Addres	e				
Number and street (or P.O.) box (if mail is not delivered to street address) 1300 CRONN COLONY DRIVES, 3RD FLOOR 1200 CRONN COLONY DRIVES, 3RD FLOOR DRI		□Name	· · · · · · · · · · · · · · · · · · ·			13-322	23946
Table		Initial	Š	vered to street address)	Room/suite	+	
City or town, state or province, country, and ZIP or foreign poetal code QUINCY, MA 02169 AND SET OF CONTROL OF CONTR		Final	1000 CDOUN COLONY DDIVE 3DD HICOD	, and the second	riooni, ouito		
Contributions and grants (Part VIII, not 1) Column (C), line 12 Total unrelated business tracelle research (Part VIII, column (A), lines 5, 4, and 7d) Column (Part VIII, column (A), lines 5, 4, and 7d) Column (Part VIII, column (A), lines 5, 10, and 11) Column (A), lines 5, 10, and 1		termin-	·			+	
Figure	Г			in or loreign postar code		 - 	
Tax-exempt status:	F	Applica	F Name and address of principal officer: PETER	SALTONSTALL		-	
Tax-exempt status:		pendin	n I				
J Webster J Wink PARKED IS RASES . ORS	$\overline{}$	Тах-ехе		(insert no.) 4947(a)(1)	nr 527	=	
Form				10 17 (a)(1)	01 02,	7	
Birefly describe the organization's mission or most significant activities: A NON-PROPITE ORGANIZATION DEDICATED TO IMPROVING THE LIVES OF INDIVIDUALS WITH RARE DISORDERS 2 Check this box Life the organization discontinued its operations or disposed of more than 25% of its net assets.				ociation Other	I Year		•
Birefly describe the organization's mission or most significant activities: A NON-PROFIT ORGANIZATION DBDICATED TO IMPROVING THE LIVES OF INDIVIDUALS WITH RARE DISORDERS					L 1001	or formation, as a significant	VI Otato or logal dominino,
DEDICATED TO IMPROVING PHE LIVES OF INDIVIDUALS WITH RARE DISORDERS Check this box		_	-	significant activities: A NON-1	PROFIT O	RGANIZATION	
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B Net unrelated business taxable income from Form 990-T, line 34 Prior Year Current Year	Ş.						1
B Net unrelated business taxable income from Form 990-T, line 34 Prior Year Current Year	ၓ						
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B Net unrelated business taxable income from Form 990-T, line 34 Prior Year Current Year	듅						0.
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8 Contributions and grants (Part VIII, line 1h) 18,746,207, 34,659,778. 9 Program service revenue (Part VIII, line 2g) 1,576,789, 3,136,228, 1,576,789, 1,1576,789, 3,136,228, 1,576,789, 1,1576,789,							Current Year
9	a)	8 (Contributions and grants (Part VIII, line 1h)				
1 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	evenue						
1 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)							
12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12) 20,448,445. 38,228,332. 13 Grants and similar amounts paid (Part IX, column (A), lines 1:3) 13,356,507. 20,802,621. 14 Benefits paid to or for members (Part IX, column (A), lines 4) 0. 0. 15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5:10) 3,891,117. 4,942,875. 16a Professional fundraising fees (Part IX, column (A), lines 11e) 0. 0. 15 Dotal fundraising expenses (Part IX, column (D), line 25) 925,552. 17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e) 2,302,105. 2,995,652. 18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) 19,549,729. 28,741,148. 19 Revenue less expenses. Subtract line 18 from line 12 8eginning of Current Year 20 Total assets (Part X, line 16) 13,751,505. 23,366,973. 21 Total liabilities (Part X, line 26) 2,767,266. 2,890,451. 22 Net assets or fund balances. Subtract line 21 from line 20 10,984,239. 20,476,522. 22 Net assets or fund balances. Subtract line 21 from line 20 10,984,239. 20,476,522. 24 Part II Signature Block	œ						
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14 Benefits paid to or for members (Part IX, column (A), line 4) 0. 0. 0. 0. 15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10) 3,891,117. 4,942,875. 16a Professional fundraising fees (Part IX, column (A), line 11e) 0. 0. 0. 0. 0. 0. 0. 0							<u> </u>
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16a Professional fundraising fees (Part IX, column (A), line 11e)	Ś	1				3,891,117.	4,942,875.
Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) 18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) 19 Revenue less expenses. Subtract line 18 from line 12 20 Total assets (Part X, line 16) 21 Total liabilities (Part X, line 26) 22 Net assets or fund balances. Subtract line 21 from line 20 23 José (A) Jos	nse	16a F					†
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19 Revenue less expenses. Subtract line 18 from line 12 898,716. 9,487,184.						19,549,729.	28,741,148.
Signature of officer Peter Saltonstall, Chief executive Officer Pinnt/Type preparer's name Preparer's signature Date Check Pinn's name Preparer's signature Primt's name		19 F				898,716.	9,487,184.
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 officer) is based on all information of which preparer has any knowledge. Sign Here PETER SALTONSTALL, CHIEF EXECUTIVE OFFICER Type or print name and title Print/Type preparer's name CHARLES J. WEBB, CPA Preparer Firm's name ALEXANDER, ARONSON, FINNING & CO., P.C. Firm's address 50 WASHINGTON STREET WESTBOROUGH, MA 01581 Phone no.508-366-9100	or		·			eginning of Current Year	End of Year
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 officer) is based on all information of which preparer has any knowledge. Sign Here PETER SALTONSTALL, CHIEF EXECUTIVE OFFICER Type or print name and title Print/Type preparer's name CHARLES J. WEBB, CPA Preparer Firm's name ALEXANDER, ARONSON, FINNING & CO., P.C. Firm's address 50 WASHINGTON STREET WESTBOROUGH, MA 01581 Phone no.508-366-9100	sets	20	Fotal assets (Part X, line 16)			13,751,505.	23,366,973.
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Sign Here PETER SALTONSTALL, CHIEF EXECUTIVE OFFICER Type or print name and title Print/Type preparer's name CHARLES J. WEBB, CPA Preparer Firm's name ALEXANDER, ARONSON, FINNING & CO., P.C. Firm's address 50 WASHINGTON STREET WESTBOROUGH, MA 01581 Pate Check PTIN if self-employed P01584539 P11/10/17 Firm's EIN 04-2571780 Phone no.508-366-9100	Und	ler penal	ties of perjury, I declare that I have examined this return, i	ncluding accompanying schedule	s and staten	nents, and to the best of m	ny knowledge and belief, it is
Here PETER SALTONSTALL, CHIEF EXECUTIVE OFFICER Type or print name and title Print/Type preparer's name CHARLES J. WEBB, CPA Print/S name CHARLES J. WEBB, CPA Prim's name ALEXANDER, ARONSON, FINNING & CO., P.C. Firm's EIN O4-2571780 Phone no.508-366-9100	true	, correct	, and complete. Declaration of preparer (other than officer) is based on all information of wh	nich prepare	r has any knowledge.	
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Print/Type preparer's name Print/Type preparer's name Print/Type preparer's name Preparer's signature CHARLES J. WEBB, CPA CHARLES J. WEBB, CPA 11/10/17 Self-employed P01584539 Firm's name ALEXANDER, ARONSON, FINNING & CO., P.C. Firm's EIN 04-2571780 Phone no.508-366-9100	Her	re		OFFICER			
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WESTBOROUGH, MA 01581 Phone no.508-366-9100		- +				I IIIII 3 LIIV	
'	250	,				Phone no 508	3-366-9100
	Mar	v the IR	· · · · · · · · · · · · · · · · · · ·	ve? (see instructions)		11 110110 110.500	X Yes No

Pa	Statement of Program Service Accomplishments	
	Check if Schedule O contains a response or note to any line in this Part III	X
1	Briefly describe the organization's mission:	
	A UNIQUE FEDERATION OF VOLUNTARY HEALTH ORGANIZATIONS DEDICATED TO	
	HELPING PEOPLE WITH RARE DISORDERS AND ASSISTING THE ORGANIZATIONS	
	THAT SERVE THEM. THE NATIONAL ORGANIZATION OF RARE DISORDERS, INC.	
	(NORD) IS COMMITTED TO THE IDENTIFICATION, TREATMENT AND CURE OF RARE	
2	Did the organization undertake any significant program services during the year which were not listed on the	
	prior Form 990 or 990-EZ?	Yes X No
	If "Yes," describe these new services on Schedule O.	
3	Did the organization cease conducting, or make significant changes in how it conducts, any program services?	Yes X No
•	If "Yes," describe these changes on Schedule O.	— 100 — 110
4	Describe the organization's program service accomplishments for each of its three largest program services, as measure	ed by expenses
•	Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the to	, ,
	revenue, if any, for each program service reported.	rtai experises, aria
40	(Code:) (Expenses \$ 21,455,470. including grants of \$ 20,463,421.) (Revenue \$	3,681,371.
4a	PATIENT SERVICES ASSISTS ELIGIBLE INDIVIDUALS OBTAIN ACCESS TO PRODUCTS	3,001,371.
	AND SERVICES ASSOCIATED WITH THE DIRECT CARE AND TREATMENT OF THEIR	
	RARE DISORDER THROUGH FINANCIAL GRANTS. IN 2016, 7,309 PEOPLE WERE	
	SERVED THROUGH THIS PROGRAM.	
4b	(Code:) (Expenses \$ 868,818. including grants of \$) (Revenue \$,
	MEMBERSHIP PROVIDES SUPPORT AND CAPACITY BUILDING TO HELP RARE PATIENT	
	ORGANIZATIONS ACHIEVE THE HIGHEST POSSIBLE LEVEL OF SERVICE TO THEIR	
	MEMBERS WHILE ADOPTING BEST PRACTICES AND ADHERING TO ACCEPTED	
	NON-PROFIT STANDARDS, OUR EDUCATIONAL PROGRAMS AIM TO INFORM AND	
	EMPOWER INDIVIDUALS AND FAMILIES - TO HELP THEM NAVIGATE A RARE	
	DIAGNOSIS AS WELL AS TO COLLECTIVELY ADVOCATE FOR AND ADDRESS THE	
	CHALLENGES THE COMMUNITY FACES. OUR EDUCATIONAL PROGRAMS ALSO EDUCATE	
	MEDICAL PROFESSIONALS TREATING PATIENTS WITH RARE DISORDERS.	
	EDUCATIONAL PROGRAMS ARE DELIVERED IN A VARIETY OF WAYS INCLUDING THE	
	NORD WEBSITE AND VIDEO CHANNELS, PRINTED MATERIAL AND LIVE EVENTS.	
4c	(Code:) (Expenses \$	
	ADVOCACY SERVES AS THE LIAISON BETWEEN THE RARE DISEASE COMMUNITY AND	
	NATIONAL INSTITUTIONS THAT HAVE A DIRECT IMPACT ON THE HEALTH OF THE	
	THIRTY MILLION AMERICANS LIVING WITH RARE DISORDERS, INCLUDING THE U.S.	
	CONGRESS, HEALTH AND HUMAN SERVICES, THE FOOD AND DRUG ADMINISTRATION	
	AND THE NATIONAL INSTITUTES OF HEALTH.	
1 -1	Other pregram continue (Decembe in Schedule O.)	
40	Other program services (Describe in Schedule O.)	1
	(Expenses \$ 477, 486. including grants of \$ 339, 200.) (Revenue \$)
4e	Total program service expenses ► 23,406,446.	

Page 3

Form 990 (2016) DISORDERS, INC. Part IV Checklist of Required Schedules

			Yes	NO
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A	1	х	
2	Is the organization required to complete Schedule B, Schedule of Contributors?	2	Х	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for			
	public office? If "Yes," complete Schedule C, Part I	3		х
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect			
	during the tax year? If "Yes," complete Schedule C, Part II	4	Х	
5	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or			
	similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III	5		Х
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to			
	provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I	6		Х
7	Did the organization receive or hold a conservation easement, including easements to preserve open space,			
	the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II	7		Х
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete			
	Schedule D, Part III	8		Х
9	Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for			
	amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services?			
	If "Yes," complete Schedule D, Part IV	9		Х
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent			
	endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V	10		Х
11	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X			
_	as applicable. Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D,			
а	Part VI	11a	х	
h	Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total	1 Ia		
	assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII	11b		х
С	Did the organization report an amount for investments - program related in Part X, line 13 that is 5% or more of its total			
	assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII	11c		х
d	Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in			
	Part X, line 16? If "Yes," complete Schedule D, Part IX	11d		х
е	Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	11e		Х
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses			
	the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X	11f	Х	
12a	Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete			
	Schedule D, Parts XI and XII	12a	Х	
b	Was the organization included in consolidated, independent audited financial statements for the tax year?			
	If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional	12b		X
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	13		X
14a	Did the organization maintain an office, employees, or agents outside of the United States?	14a		Х
b	Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business,			
	investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000	4.415		Х
15	or more? If "Yes," complete Schedule F, Parts I and IV Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any	14b		
15	foreign organization? If "Yes," complete Schedule F, Parts II and IV	15	х	
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to	13		
10	or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV	16		Х
17	Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX,			
	column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I	17		х
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines			
-	1c and 8a? If "Yes," complete Schedule G, Part II	18	х	
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes,"			
	complete Schedule G, Part III	19		х

13-3223946

			Yes	NO
20 a	Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H	20a		Х
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b		
21	Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or			
	domestic government on Part IX, column (A), line 1? If "Yes," complete Schedule I, Parts I and II	21	Х	
22	Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on			
	Part IX, column (A), line 2? If "Yes," complete Schedule I, Parts I and III	22	Х	
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current			
	and former officers, directors, trustees, key employees, and highest compensated employees? If "Yes," complete			
	Schedule J	23	Х	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the			
	last day of the year, that was issued after December 31, 2002? If "Yes," answer lines 24b through 24d and complete			
	Schedule K. If "No", go to line 25a	24a		Х
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		
С	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease			
	any tax-exempt bonds?	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		
25a	Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit			
	transaction with a disqualified person during the year? If "Yes," complete Schedule L, Part I	25a		Х
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and			
	that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? If "Yes," complete			
	Schedule L, Part I	25b		Х
26	Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or			
	former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? If "Yes,"			
	complete Schedule L, Part II	26		Х
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial			
	contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member			
	of any of these persons? If "Yes," complete Schedule L, Part III	27		Х
28	Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV			
	instructions for applicable filing thresholds, conditions, and exceptions):			
а	A current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV	28a		Х
b	A family member of a current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV	28b		Х
С	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer,			
	director, trustee, or direct or indirect owner? If "Yes," complete Schedule L, Part IV	28c		Х
29	Did the organization receive more than \$25,000 in non-cash contributions? If "Yes," complete Schedule M	29	Х	
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation			
	contributions? If "Yes," complete Schedule M	30		Х
31	Did the organization liquidate, terminate, or dissolve and cease operations?			
	If "Yes," complete Schedule N, Part I	31		Х
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If "Yes," complete			
	Schedule N, Part II	32		Х
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations			
	sections 301.7701-2 and 301.7701-3? If "Yes," complete Schedule R, Part I	33		Х
34	Was the organization related to any tax-exempt or taxable entity? If "Yes," complete Schedule R, Part II, III, or IV, and			
	Part V, line 1	34		X
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a		Х
b	If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity			
	within the meaning of section 512(b)(13)? If "Yes," complete Schedule R, Part V, line 2	35b		-
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization?			
	If "Yes," complete Schedule R, Part V, line 2	36		Х
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization			.,
00	and that is treated as a partnership for federal income tax purposes? If "Yes," complete Schedule R, Part VI	37		Х
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19?			
	Note. All Form 990 filers are required to complete Schedule O	38	Х	

DISORDERS, INC. 13-3223946 Page 5 Form 990 (2016)

Statements Regarding Other IRS Filings and Tax Compliance Part V

Check if Schedule O contains a response or note to any line in this Part V Yes No 1a Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable 19 **b** Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners? Х 1c 2a Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return b If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Х 2b Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions) 3a Did the organization have unrelated business gross income of \$1,000 or more during the year? Х b If "Yes," has it filed a Form 990-T for this year? If "No," to line 3b, provide an explanation in Schedule O 4a At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a Х financial account in a foreign country (such as a bank account, securities account, or other financial account)? **b** If "Yes," enter the name of the foreign country: See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR). 5a Was the organization a party to a prohibited tax shelter transaction at any time during the tax year? Х Х **b** Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction? c If "Yes," to line 5a or 5b, did the organization file Form 8886-T? 6a Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions? Х 6a b If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible? Organizations that may receive deductible contributions under section 170(c). a Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor? Х **b** If "Yes," did the organization notify the donor of the value of the goods or services provided? 7b Х c Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required Х to file Form 8282? 7с d If "Yes," indicate the number of Forms 8282 filed during the year 7d e Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? 7e Х Х Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract? g If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?... h If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C? 7h Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year? Sponsoring organizations maintaining donor advised funds. a Did the sponsoring organization make any taxable distributions under section 4966? 9a b Did the sponsoring organization make a distribution to a donor, donor advisor, or related person? 10 Section 501(c)(7) organizations. Enter: a Initiation fees and capital contributions included on Part VIII, line 12 b Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities Section 501(c)(12) organizations. Enter: a Gross income from members or shareholders b Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them.) 12a Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041? 13 Section 501(c)(29) qualified nonprofit health insurance issuers. a Is the organization licensed to issue qualified health plans in more than one state? Note. See the instructions for additional information the organization must report on Schedule O. b Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans 13b c Enter the amount of reserves on hand Х 14a Did the organization receive any payments for indoor tanning services during the tax year? 14a b If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O ...

Form 990 (2016) DISORDERS, INC. 13-3223946

	990 (2016) DISORDERS, INC.		13-3223946			age 6
Pa	TVI Governance, Management, and Disclosure For each "Yes" response to lines 2 th	-		"No" r	espon	se
	to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O	. See	instructions.			
	Check if Schedule O contains a response or note to any line in this Part VI					Х
Sec	tion A. Governing Body and Management					
					Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	1a	18	3		
	If there are material differences in voting rights among members of the governing body, or if the governing					
	body delegated broad authority to an executive committee or similar committee, explain in Schedule O.					
b	Enter the number of voting members included in line 1a, above, who are independent	1b	18	3		
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship	p with	any other			
	officer, director, trustee, or key employee?			2		Х
3	Did the organization delegate control over management duties customarily performed by or under th	e dire	ct supervision			
	of officers, directors, or trustees, or key employees to a management company or other person?			3		Х
4	Did the organization make any significant changes to its governing documents since the prior Form 9	990 wa	as filed?	4		Х
5	Did the organization become aware during the year of a significant diversion of the organization's ass	sets?		5		Х
6	Did the organization have members or stockholders?			6		Х
7a	Did the organization have members, stockholders, or other persons who had the power to elect or approximation of the power to elect or	opoint	one or			
	more members of the governing body?			7a		Х
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, s	tockh	olders, or			
	persons other than the governing body?			7b		Х
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year	ar by th	e following:			
а	The governing body?			8a	Х	
b	Each committee with authority to act on behalf of the governing body?			8b	Х	
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be real	/				
	organization's mailing address? If "Yes," provide the names and addresses in Schedule O			9		Х
Sec	tion B. Policies (This Section B requests information about policies not required by the Internal Re	evenu	e Code.)			
					Yes	No
10a	Did the organization have local chapters, branches, or affiliates?			10a	Х	
b	If "Yes," did the organization have written policies and procedures governing the activities of such cl	napter	s, affiliates,			
	and branches to ensure their operations are consistent with the organization's exempt purposes? \dots			10b	Х	
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing bod	y befo	ore filing the form?	11a	Х	
	Describe in Schedule O the process, if any, used by the organization to review this Form 990.					
				12a	Х	
	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise			12b	Х	
С	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Y					
	in Schedule O how this was done			12c	Х	
13	Did the organization have a written whistleblower policy?			13	Х	
14	Did the organization have a written document retention and destruction policy?			14	Х	
15	Did the process for determining compensation of the following persons include a review and approve		ndependent			
	persons, comparability data, and contemporaneous substantiation of the deliberation and decision?					
а	The organization's CEO, Executive Director, or top management official			15a	X	
b	Other officers or key employees of the organization			15b	Х	
	If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).					
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arranger	ment v	vith a			
	taxable entity during the year?			16a		Х
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evalua	-	="			
	in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organ	nızatıc	n's	401		
	exempt status with respect to such arrangements?			16b		
	tion C. Disclosure	г. Т х т	KG KA MY MD			
17 10	List the states with which a copy of this Form 990 is required to be filed CT, NY, AL, CA, FL, GA, II			oveile!	lo	
18	Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T	(2eci	ion out(c)(3)s only)	avallab	ie	
	for public inspection. Indicate how you made these available. Check all that apply.	in C	hadula (C)			
10	X Own website Another's website X Upon request Other (explain		,	d fire	اماما	
19	Describe in Schedule O whether (and if so, how) the organization made its governing documents, co	TOIIICT (ות interest policy, an	u tinan	cial	
20	statements available to the public during the tax year.	oko a	ad rocarda:			
20	State the name, address, and telephone number of the person who possesses the organization's bo VINCENT MURPHY - 617-249-7300	uns al	iu records.			

1900 CROWN COLONY DRIVE, 3RD FLOOR, QUINCY, MA 02169

Form 990 (2016) DISORDERS, INC. 13-3223946 Page **7**

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

- 1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.
- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
 - List all of the organization's current key employees, if any. See instructions for definition of "key employee."
- List the organization's five current highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

Leave this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

(A)	(B)	Ĭ			C)			(D)	(E)	(F)
Name and Title	Average hours per week	box	not c	heck ss pe d a d	more rson	than	h an	Reportable compensation from	Reportable compensation from related	Estimated amount of other
	(list any hours for related organizations below line)	Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former	the organization (W-2/1099-MISC)	organizations (W-2/1099-MISC)	compensation from the organization and related organizations
(1) SHELDON M. SCHUSTER, PH.D.	2.00									
ACTING CHAIRMAN	0.00	Х		Х				0.	0.	0.
(2) STEPHEN GROSSMAN	2.00	١,,							0	0
DIRECTOR	2,00	Х				K		0.	0.	0.
(3) JONATHAN HAINES, PH.D DIRECTOR	2.00	x						0.	0.	0.
(4) FREDERICK BARR, MD	2.00							-	-	
DIRECTOR		x						0.	0.	0.
(5) KEVIN MCNAUGHT, PH.D	2.00				7					
DIRECTOR		х						0.	0.	0.
(6) CHARLES A. MOHAN, JR.	2.00									
DIRECTOR		х						0.	0.	0.
(7) KIM HOLLANDER	2.00									
DIRECTOR		Х						0.	0.	0.
(8) PAT FURLONG	2.00									
DIRECTOR		Х						0.	0.	0.
(9) SARAH KRUG	2.00									
DIRECTOR		Х						0.	0.	0.
(10) MARYBETH KRUMMENACKER	2.00									
DIRECTOR		Х						0.	0.	0.
(11) E. MICHAEL SCOTT	2.00									
DIRECTOR		Х				_		0.	0.	0.
(12) FRANK J. SASINOWSKI	2.00									
DIRECTOR		Х				_		0.	0.	0.
(13) PRESTON WHITE CAMPBELL, III, MD	2.00									
DIRECTOR	0.00	Х				-		0.	0.	0.
(14) ANTHONY CASTALDO DIRECTOR	2.00								0.	0
	2 00	Х				-		0.	0.	0.
(15) JOSEPHINE GRIMA, PH.D SECRETARY	2.00	x		x				0.	0.	0
(16) MARSHALL L. SUMMAR, MD	2.00	^	\vdash	^		+		0.	0.	0.
TREASURER	2.00	X		х				0.	0.	0.
(17) RONALD J. BARTEK	2.00	<u> </u>				+		0.	0.	0.
DIRECTOR	<u> </u>	х						0.	0.	0.
632007 11-11-16	l								٠.	Form 990 (2016)

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Part VII Section A. Officers. Directors. Trustees. Key Employees, and Highest Compensated Employees (continued) DISORDERS, INC.

Section A. Onicers, Directors, Trus	iees, key Eiii	picy	ees	, an	u ni	igne	SI C	ompensated Employe	es (continueu)				
(A) Name and title	(B) Average hours per	box	not c	Pos heck ss pe	more rson	than is bot	th an	(D) Reportable compensation	(E) Reportable compensatio			(F) stimate nount o	
	week (list any hours for related organizations below	tee or director	Institutional trustee		Key employee	Highest compensated employee		from the organization (W-2/1099-MISC)	from related organizations (W-2/1099-MIS	S	fr org an	other pensa om the anizati d relate	e on ed
	line)	pivipu	nstituti	Officer	ey em	lighest mploy	Former				l orga	anzan	JI 15
(18) VICKI MCCARRELL	2.00	=	=	0	~	T 0	<u> </u>						
DIRECTOR		x						0.		0.			0.
(19) PAMELA GAVIN	35.00												
CHIEF OPERATING OFFICER		1		х				274,554.		0.		23,	267.
(20) PETER SALTONSTALL	35.00												
PRESIDENT/CEO				Х				275,761.		0.		29,	382.
(21) JAMES A. CHARNLEY	35.00												
VP OF FINANCE						Х		134,485.		0.		19,	905.
(22) MARTHA L. RINKER	35.00												
VP OF PUBLIC POLICY						Х		163,271.		0.		20,	916.
(23) LISA TERRIZZI	35.00												
GENERAL COUNSEL						Х		138,589.		0.		6,	923.
(24) CATHERINE G. BLANSFIELD	35.00									_			
VP OF PATIENT SERVICES						Х		115,206.		0.		19,	076.
(25) MARK LLOYD	35.00	4				l		100 210		•		4.0	450
SENIOR SOFTWARE ARCHITECT						Х		108,310.		0.		19,	150.
		1											
1b Sub-total 1,210,176. 0.									138,	619			
c Total from continuation sheets to Part V	Il Section A							0.		0.		130,	0.
d Total (add lines 1b and 1c)						l.		1,210,176.		0.		138,	
Total number of individuals (including but n							ho re		0.000 of reportable	e	l .		
compensation from the organization						,							8
												Yes	No
3 Did the organization list any former officer,	director, or tru	uste	e, ke	ey er	nplo	oyee	, or	highest compensated e	mployee on				
line 1a? If "Yes," complete Schedule J for s	such individual										3		Х
4 For any individual listed on line 1a, is the su									the organization				
and related organizations greater than \$15											4	Х	
5 Did any person listed on line 1a receive or a	•				•		relat	ed organization or indivi	dual for services				
rendered to the organization? If "Yes," com	plete Schedul	e J f	or s	uch	pers	son					5		Х
Section B. Independent Contractors									*				
1 Complete this table for your five highest co										pens	ation	rom	
the organization. Report compensation for (A)	tne calendar y	ear	enai	ng v	vitn	or w	/itnir	the organization's tax y	year.		((•1	
Name and business	address	NO	NE					Description of s	ervices	C		') nsatio	า
		_				_	\neg						
							T						
2 Total number of independent contractors (i	•	ot li	mite	d to	tho	se li	sted	l above) who received m	nore than				
\$100,000 of compensation from the organi	zation -					U							

NATIONAL ORGANIZATION FOR RARE Page 9 Form 990 (2016) DISORDERS, INC. 13-3223946 Part VIII **Statement of Revenue** Check if Schedule O contains a response or note to any line in this Part VIII Revenue excluded from tax under sections 512 - 514 (C) Unrelated (B) Related or Total revenue exempt function revenue business revenue Program Service | Contributions, Gifts, Grants | Revenue | and Other Similar Amounts 1a 189,179 1 a Federated campaigns 1,310,303. **b** Membership dues 1b 1,050,740. c Fundraising events 1c d Related organizations 1d e Government grants (contributions) 1e f All other contributions, gifts, grants, and

and Other	T	similar amounts not included above 1f	32,109,556.				
9	g	Noncash contributions included in lines 1a-1f: \$					
a 5	_	Total. Add lines 1a-1f	34,659,778.				
			Business Code	, ,			
Program Service Revenue	2 a	PATIENT ASSISTANCE AND	624100	3,136,228.	3,136,228.		
	b			7-3-4	, , , , , , , , , , , , , , , , , , , ,		
<u> </u>	c				4		
<u>₹</u>	d						
58							
2	e	All other program service revenue					
				3,136,228.			
		Total. Add lines 2a-2f		5,150,220.			
	3	Investment income (including dividends, inter		12,987.			12,987.
		other similar amounts)		12,307.			12,307.
	4	Income from investment of tax-exempt bond p		405 505			405,505.
	5	Royalties		405,505.			405,505.
	_	(i) Real	(ii) Personal				
		Gross rents					
		Less: rental expenses					
		Rental income or (loss)					
		Net rental income or (loss)					
	7 a	Gross amount from sales of (i) Securities	(ii) Other				
		assets other than inventory					
	b	Less: cost or other basis					
		and sales expenses					
		Gain or (loss)					
	d	Net gain or (loss)	. <u></u>				
ě	8 a	Gross income from fundraising events (not					
ē		including \$ 1,050,740. of	1				
že.		contributions reported on line 1c). See					
Other Revenue		Part IV, line 18 a					
듣	b	Less: direct expenses b	185,604.				
•	С	Net income or (loss) from fundraising events		-125,804.			-125,804.
	9 a	Gross income from gaming activities. See					
		Part IV, line 19 a					
	b	Less: direct expenses b					
	С	Net income or (loss) from gaming activities	. <u></u>				
	10 a	Gross sales of inventory, less returns					
		and allowances a					
	b	Less: cost of goods sold b					
	С	Net income or (loss) from sales of inventory					
		Miscellaneous Revenue	Business Code				
	11 a	OTHER EDUCATION SERVIC	541700	139,638.	139,638.		_
	b						
	С						
	d	All other revenue					
	е	Total. Add lines 11a-11d	139,638.				
	12	Total revenue. See instructions.		38,228,332.	3,275,866.	0.	292,688.
3200	9 11-11	-16				· · · · · · · · · · · · · · · · · · ·	Form 990 (2016)

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Part IX | Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Do	Check if Schedule O contains a respon not include amounts reported on lines 6b,	(A)	(B)	(C)	(D)
	8b, 9b, and 10b of Part VIII.	Total expenses	Program service expenses	Management and general expenses	Fundraising expenses
1	Grants and other assistance to domestic organizations				
	and domestic governments. See Part IV, line 21	258,018.	258,018.		
2	Grants and other assistance to domestic				
	individuals. See Part IV, line 22	20,463,421.	20,463,421.		
3	Grants and other assistance to foreign				
	organizations, foreign governments, and foreign				
	individuals. See Part IV, lines 15 and 16	81,182.	81,182.		
4	Benefits paid to or for members				
5	Compensation of current officers, directors,				
	trustees, and key employees	587,309.	219,199.	221,283.	146,827.
6	Compensation not included above, to disqualified				
	persons (as defined under section 4958(f)(1)) and				
	persons described in section 4958(c)(3)(B)		4		
7	Other salaries and wages	3,548,133.	1,401,943.	1,721,659.	424,531.
8	Pension plan accruals and contributions (include				
	section 401(k) and 403(b) employer contributions)	117,381.	46,178.	54,895.	16,308.
9	Other employee benefits	369,628.	151,714.	161,563.	56,351.
10	Payroll taxes	320,424.	126,599.	144,044.	49,781.
11	Fees for services (non-employees):				
а	Management			V	
b		98,374.	170.	87,867.	10,337.
С	5 ······ F	37,090.	100.	36,990.	
d	, g F				
е	, , , , , , , , , , , , , , , , , , ,				
f	Investment management fees				
g	,				
	column (A) amount, list line 11g expenses on Sch 0.)	161,176.	151,214.	9,962.	
12	Advertising and promotion	118,043.	23,513.	500.	94,030.
13	Office expenses	127,258.	48,684.	49,573.	29,001.
14	Information technology	88,162.		84,612.	3,550.
15	Royalties				
16	Occupancy	538,269.	6,308.	528,428.	3,533.
17	Travel	392,933.	233,426.	100,846.	58,661.
18	Payments of travel or entertainment expenses				
	for any federal, state, or local public officials				
19	Conferences, conventions, and meetings	26,299.	11,921.		14,378.
20	Interest				
21	Payments to affiliates	20			
22	Depreciation, depletion, and amortization	980,649.	127,595.	853,054.	
23	Insurance	12,379.		12,379.	
24	Other expenses. Itemize expenses not covered above. (List miscellaneous expenses in line 24e. If line				
	24e amount exceeds 10% of line 25, column (A)				
	amount, list line 24e expenses on Schedule O.)				
а	BAD DEBT EXPENSE	255,000.		255,000.	
b	DUES, SUBSCRIPTIONS, AN	89,004.	18,870.	55,549.	14,585.
C	MISCELLANEOUS	37,494.	21,640.	15,540.	314.
d	EMPLOYEE RELATED COSTS	33,522.	14,751.	15,406.	3,365.
e	· —	00 744 445	02 405 415	4 400 450	225 552
25	Total functional expenses. Add lines 1 through 24e	28,741,148.	23,406,446.	4,409,150.	925,552.
26	Joint costs. Complete this line only if the organization				
	reported in column (B) joint costs from a combined				
	educational campaign and fundraising solicitation.				
	Check here if following SOP 98-2 (ASC 958-720)				

Form 990 (2016)
Part X Balance Sheet

13-3223946 Page **11**

		Check if Schedule O contains a response or note to any line in this P	art X			
		entent in contocute of contains a response of frete to any line in this r		(A) Beginning of year		(B) End of year
	1	Cash - non-interest-bearing		4,315,432.	1	9,350,563.
	2	Savings and temporary cash investments		4,250,707.	2	1,237,499.
	3	Pledges and grants receivable, net			3	
	4	Accounts receivable, net		2,265,308.	4	10,908,466.
	5	Loans and other receivables from current and former officers, directo				
		trustees, key employees, and highest compensated employees. Com	plete			
		Part II of Schedule L			5	
	6	Loans and other receivables from other disqualified persons (as defin	ed under			
		section 4958(f)(1)), persons described in section 4958(c)(3)(B), and co	ontributing			
		employers and sponsoring organizations of section 501(c)(9) voluntar	y			
ţ		employees' beneficiary organizations (see instr). Complete Part II of S			6	
Assets	7	Notes and loans receivable, net			7	
ğ	8	Inventories for sale or use			8	
	9	Prepaid expenses and deferred charges		121,508.	9	90,694.
	10a	Land, buildings, and equipment: cost or other				
			,935,094.			
	b		,286,805.	1,295,568.	10c	1,648,289.
	11	Investments - publicly traded securities		251,960.	11	131,462.
	12	Investments - other securities. See Part IV, line 11			12	
	13	Investments - program-related. See Part IV, line 11			13	
	14	Intangible assets			14	
	15	Other assets. See Part IV, line 11		1,251,022.	15	0.
	16	Total assets. Add lines 1 through 15 (must equal line 34)		13,751,505.	16	23,366,973.
	17	Accounts payable and accrued expenses		879,532.	17	687,622.
	18	Grants payable		892,752.	18	946,455.
	19	Deferred revenue		451,600.	19	768,471.
	20	Tax-exempt bond liabilities			20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D			21	
S	22	Loans and other payables to current and former officers, directors, tr	ustees,			
Liabilities		key employees, highest compensated employees, and disqualified pe	ersons.			
abi		Complete Part II of Schedule L			22	
	23	Secured mortgages and notes payable to unrelated third parties		543,382.	23	487,903.
	24	Unsecured notes and loans payable to unrelated third parties			24	
	25	Other liabilities (including federal income tax, payables to related third	ı [
		parties, and other liabilities not included on lines 17-24). Complete Pa	rt X of			
		Schedule D			25	
	26	Total liabilities. Add lines 17 through 25		2,767,266.	26	2,890,451.
		Organizations that follow SFAS 117 (ASC 958), check here ▶ □	☑ and			
es		complete lines 27 through 29, and lines 33 and 34.				
anc	27	Unrestricted net assets		4,558,261.	27	13,800,544.
3ale	28	Temporarily restricted net assets		6,425,978.	28	6,675,978.
βE	29	Permanently restricted net assets	<u></u>		29	
표		Organizations that do not follow SFAS 117 (ASC 958), check here	▶□			
ō		and complete lines 30 through 34.				
ets	30	Capital stock or trust principal, or current funds			30	
Ass	31	Paid-in or capital surplus, or land, building, or equipment fund			31	
Net Assets or Fund Balances	32	Retained earnings, endowment, accumulated income, or other funds			32	
Z	33	Total net assets or fund balances		10,984,239.	33	20,476,522.
	34	Total liabilities and net assets/fund balances		13,751,505.	34	23,366,973. Form 990 (2016)

Form **990** (2016)

rai	Heconciliation of Net Assets								
	Check if Schedule O contains a response or note to any line in this Part XI								
1	Total revenue (must equal Part VIII, column (A), line 12)	1	38	,228,	332.				
2	Total expenses (must equal Part IX, column (A), line 25)	2	28	,741	,148.				
3	Revenue less expenses. Subtract line 2 from line 1	3	9	,487	,184.				
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	10,984,239						
5	Net unrealized gains (losses) on investments 5								
6									
7	Investment expenses	7							
8	Prior period adjustments	8							
9	Other changes in net assets or fund balances (explain in Schedule O)	9			0.				
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33,								
	column (B))								
Pai	t XII Financial Statements and Reporting	•			,522.				
	Check if Schedule O contains a response or note to any line in this Part XII				Х				
	·			Yes	No				
1	Accounting method used to prepare the Form 990: Cash X Accrual Other								
	If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule	O.							
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?		2a		х				
	If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed								
	separate basis, consolidated basis, or both:								
	Separate basis Consolidated basis Both consolidated and separate basis								
b	Were the organization's financial statements audited by an independent accountant?		2b	Х					
_	If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate								
	consolidated basis, or both:	,							
	X Separate basis Consolidated basis Both consolidated and separate basis								
c	If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the	e audit							
·	review, or compilation of its financial statements and selection of an independent accountant?		2c	Х					
	If the organization changed either its oversight process or selection process during the tax year, explain in Sch								
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Si								
ou	Act and OMB Circular A-133?	igio Addit	За		х				
h	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits?	ired audit							
J	or audits, explain why in Schedule O and describe any steps taken to undergo such audits		3b						

Form **990** (2016)

SCHEDULE A

Department of the Treasury

Internal Revenue Service

Total

(Form 990 or 990-EZ)

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

Attach to Form 990 or Form 990-EZ.

Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

2016

Open to Public Inspection

Name of the organization

NATIONAL ORGANIZATION FOR RARE

DISORDERS INC

Employer identification number 13-3223946

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions. The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.) 1 A church, convention of churches, or association of churches described in section 170(b)(1)(A)(i). 2 A school described in section 170(b)(1)(A)(ii). (Attach Schedule E (Form 990 or 990-EZ).) 3 A hospital or a cooperative hospital service organization described in section 170(b)(1)(A)(iii). A medical research organization operated in conjunction with a hospital described in section 170(b)(1)(A)(iii). Enter the hospital's name, city, and state: An organization operated for the benefit of a college or university owned or operated by a governmental unit described in section 170(b)(1)(A)(iv). (Complete Part II.) A federal, state, or local government or governmental unit described in section 170(b)(1)(A)(v). 7 X An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in section 170(b)(1)(A)(vi). (Complete Part II.) 8 A community trust described in section 170(b)(1)(A)(vi). (Complete Part II.) An agricultural research organization described in section 170(b)(1)(A)(ix) operated in conjunction with a land-grant college or university or a non-land-grant college of agriculture (see instructions). Enter the name, city, and state of the college or university: 10 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions - subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See section 509(a)(2). (Complete Part III.) 11 An organization organized and operated exclusively to test for public safety. See section 509(a)(4). 12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2). See section 509(a)(3). Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g. Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. You must complete Part IV, Sections A and B. Type II. A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). You must complete Part IV. Sections A and C. Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). You must complete Part IV, Sections A, D, and E. Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). You must complete Part IV, Sections A and D, and Part V. Check this box if the organization received a written determination from the IRS that it is a Type I, Type III, Type III functionally integrated, or Type III non-functionally integrated supporting organization. f Enter the number of supported organizations Provide the following information about the supported organization(s). (iv) Is the organization listed (i) Name of supported (ii) EIN (iii) Type of organization (v) Amount of monetary (vi) Amount of other ì your governing document? (described on lines 1-10 organization support (see instructions) support (see instructions) Yes No above (see instructions))

Schedule A (Form 990 or 990-EZ) 2016 DISORDERS, INC.

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Sec	ction A. Public Support		· · · · · · · · · · · · · · · · · · ·				
	ndar year (or fiscal year beginning in)	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
	Gifts, grants, contributions, and	, ,	` '	. ,	`,	, ,	.,
	membership fees received. (Do not						
	include any "unusual grants.")	8,324,575.	15,897,806.	26,607,956.	20,322,996.	37,796,006.	108,949,339.
2	Tax revenues levied for the organ-						
	ization's benefit and either paid to						
	or expended on its behalf						
3	The value of services or facilities						
	furnished by a governmental unit to						
	the organization without charge						
4	Total. Add lines 1 through 3	8,324,575.	15,897,806.	26,607,956.	20,322,996.	37,796,006.	108,949,339.
5	The portion of total contributions						
	by each person (other than a						
	governmental unit or publicly						
	supported organization) included						
	on line 1 that exceeds 2% of the						
	amount shown on line 11,						
	column (f)						28,527,638.
	Public support. Subtract line 5 from line 4.						80,421,701.
	ction B. Total Support	1					
	ndar year (or fiscal year beginning in)	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
	Amounts from line 4	8,324,575.	15,897,806.	26,607,956.	20,322,996.	37,796,006.	108,949,339.
8	Gross income from interest,						
	dividends, payments received on						
	securities loans, rents, royalties	47, 300	115 671	100 445	157 402	457 630	000 551
_	and income from similar sources	47,322.	115,671.	120,445.	157,483.	457,630.	898,551.
9	Net income from unrelated business						
	activities, whether or not the						
40	business is regularly carried on						
10	Other income. Do not include gain or loss from the sale of capital						
	assets (Explain in Part VI.)						
11	Total support. Add lines 7 through 10						109,847,890.
12	Gross receipts from related activities,	etc (see instruction	ons)			12	12,982,483.
	First five years. If the Form 990 is for			d fourth or fifth ta			
	organization, check this box and stor	- 1			•	11 00 1 (0)(0)	ightharpoonup
Sec	ction C. Computation of Publ						·············
14	Public support percentage for 2016 (line 6, column (f) d	ivided by line 11, c	olumn (f))		14	73.21 %
	Public support percentage from 2015					15	60.77 %
	33 1/3% support test - 2016. If the o				· ·	nore, check this bo	ox and
	stop here. The organization qualifies	as a publicly supp	orted organization				X
b	33 1/3% support test - 2015. If the o	organization did no	ot check a box on li	ne 13 or 16a, and	line 15 is 33 1/3%	or more, check th	nis box
	and stop here. The organization qual	lifies as a publicly s	supported organiza	ation			▶□
17a	10% -facts-and-circumstances tes	·					•
	and if the organization meets the "fac	cts-and-circumstan	ces" test, check th	is box and stop h	ere. Explain in Par	t VI how the orgar	nization
	meets the "facts-and-circumstances"	test. The organiza	tion qualifies as a _l	publicly supported	d organization		▶□
b	10% -facts-and-circumstances tes	t - 2015. If the org	anization did not c	heck a box on line	e 13, 16a, 16b, or 1	17a, and line 15 is	10% or
	more, and if the organization meets the				-		•
	organization meets the "facts-and-circ						>
18	Private foundation. If the organization	on did not check a	box on line 13, 16a	a, 16b, 17a, or 17b	o, check this box a	nd see instruction	s ▶∟

Part III | Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support	below, please com	Diete Part II.)				
Calendar year (or fiscal year beginning in)	(a) 2012	(b) 2013	(a) 2014	(d) 2015	(a) 2016	(f) Total
1 Gifts, grants, contributions, and	(a) 2012	(b) 2013	(c) 2014	(a) 2015	(e) 2016	(f) Total
membership fees received. (Do not						
include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services per-						
formed, or facilities furnished in						
any activity that is related to the						
organization's tax-exempt purpose						
3 Gross receipts from activities that						
are not an unrelated trade or bus-						
iness under section 513						
4 Tax revenues levied for the organ-						
ization's benefit and either paid to						
or expended on its behalf				4		
5 The value of services or facilities						
furnished by a governmental unit to						
the organization without charge			_			
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and						
3 received from disqualified persons						
b Amounts included on lines 2 and 3 received						
from other than disqualified persons that						
exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 Public support. (Subtract line 7c from line 6.)						
Section B. Total Support						
Calendar year (or fiscal year beginning in)	(a) 2012	(b) 2013	(c) 2014	(d) 2015	(e) 2016	(f) Total
9 Amounts from line 6	(a) 2012	(6) 2013	(6) 2014	(4) 2013	(6) 2010	(i) Total
10a Gross income from interest,						
dividends, payments received on						
securities loans, rents, royalties						
and income from similar sources						
b Unrelated business taxable income						
(less section 511 taxes) from businesses						
acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business						
activities not included in line 10b, whether or not the business is						
regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital						
assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						
14 First five years. If the Form 990 is fo	r the organization's	s first, second, thir	d, fourth, or fifth	tax year as a sectio	on 501(c)(3) organi:	zation,
check this box and stop here						>
Section C. Computation of Pub	lic Support Pe	rcentage				
15 Public support percentage for 2016 ((line 8, column (f) d	ivided by line 13, o	column (f))		15	%
16 Public support percentage from 2015	5 Schedule A, Part	III, line 15			16	%
Section D. Computation of Inve	stment Incom	e Percentage				
17 Investment income percentage for 20	016 (line 10c, colur	nn (f) divided by lir	ne 13, column (f))		17	%
18 Investment income percentage from	2015 Schedule A,	Part III, line 17			18	%
19a 33 1/3% support tests - 2016. If the					33 1/3%, and line	17 is not
more than 33 1/3%, check this box a						
b 33 1/3% support tests - 20 is. If the						
b 33 1/3 % support tests - 2015. If the line 18 is not more than 33 1/3%, ch						

Part IV | Supporting Organizations

(Complete only if you checked a box in line 12 on Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

- 1 Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in **Part VI** how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.
- 2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in **Part VI** how the organization determined that the supported organization was described in section 509(a)(1) or (2).
- **3a** Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below.
- **b** Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in **Part VI** when and how the organization made the determination.
- c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in **Part VI** what controls the organization put in place to ensure such use.
- **4a** Was any supported organization not organized in the United States ("foreign supported organization")? *If* "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below.
- **b** Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in **Part VI** how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.
- c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in **Part VI** what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.
- 5a Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in **Part VI**, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).
- **b** Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?
- c Substitutions only. Was the substitution the result of an event beyond the organization's control?
- 6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in Part VI.
- 7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).
- 8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).
- 9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in **Part VI**.
- **b** Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in **Part VI.**
- c Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in Part VI.
- 10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer 10b below.
 - **b** Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)

	Yes	No
1		
'		
2		
3a		
- Gu		
3b		
3с		
4a		
4b		
4c		
100		
5a		
Ja		
5b		
5c		
6		
7		
8		
9a		
9b		
9с		
10a		
10b		
m 990 or 9	990-EZ	2016

Par	☆ IV Supporting Organizations _(continued)			
			Yes	No
11	Has the organization accepted a gift or contribution from any of the following persons?			
а	A person who directly or indirectly controls, either alone or together with persons described in (b) and (c)			
	below, the governing body of a supported organization?	11a		
b	A family member of a person described in (a) above?	11b		
С	A 35% controlled entity of a person described in (a) or (b) above? If "Yes" to a, b, or c, provide detail in Part VI.	11c		
	tion B. Type I Supporting Organizations			
	<u> </u>		Yes	No
1	Did the directors, trustees, or membership of one or more supported organizations have the power to			
	regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the			
	tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or			
	controlled the organization's activities. If the organization had more than one supported organization,			
	describe how the powers to appoint and/or remove directors or trustees were allocated among the supported			
	organizations and what conditions or restrictions, if any, applied to such powers during the tax year.	1		
2	Did the organization operate for the benefit of any supported organization other than the supported	·		
_	organization(s) that operated, supervised, or controlled the supporting organization? If "Yes," explain in			
	Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated,			
	supervised, or controlled the supporting organization.	2		
Sect	tion C. Type II Supporting Organizations			
000	tion 6. Type it Supporting Organizations		Yes	No
1	Were a majority of the organization's directors or trustees during the tax year also a majority of the directors		163	140
•	or trustees of each of the organization's supported organization(s)? If "No," describe in Part VI how control			
	or management of the supporting organization was vested in the same persons that controlled or managed			
		1		
Saci	the supported organization(s). tion D. All Type III Supporting Organizations			
<u> </u>	don B. All Type III Supporting Organizations		Yes	Na
4	Did the expenientian provide to each of its supported expenientians by the last day of the fifth month of the		res	No
1	Did the organization provide to each of its supported organizations, by the last day of the fifth month of the			
	organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax			
	year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the	_		
•	organization's governing documents in effect on the date of notification, to the extent not previously provided?	1		
2	Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported			
	organization(s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how			
_	the organization maintained a close and continuous working relationship with the supported organization(s).	2		
3	By reason of the relationship described in (2), did the organization's supported organizations have a			
	significant voice in the organization's investment policies and in directing the use of the organization's			
	income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's			
	supported organizations played in this regard.	3		
	tion E. Type III Functionally Integrated Supporting Organizations			
1	Check the box next to the method that the organization used to satisfy the Integral Part Test during the yea(see instructions).			
а	The organization satisfied the Activities Test. Complete line 2 below.			
b	The organization is the parent of each of its supported organizations. Complete line 3 below.			
С	The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instru	uctions Î		
2	Activities Test. Answer (a) and (b) below.		Yes	No
а	Did substantially all of the organization's activities during the tax year directly further the exempt purposes of			
	the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify			
	those supported organizations and explain how these activities directly furthered their exempt purposes,			
	how the organization was responsive to those supported organizations, and how the organization determined			
	that these activities constituted substantially all of its activities.	2a		
b	Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more			
	of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the			
	reasons for the organization's position that its supported organization(s) would have engaged in these			
	activities but for the organization's involvement.	2b		
3	Parent of Supported Organizations. Answer (a) and (b) below.			
а	Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or			
	trustees of each of the supported organizations? Provide details in Part VI.	3a		
b	Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each			
	of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.	3b		

Schedule A (Form 990 or 990-EZ) 2016 DISORDERS, INC.

Pa	TV Type III Non-Functionally Integrated 509(a)(3) Supporting	g Orga	anizations				
1	Check here if the organization satisfied the Integral Part Test as a qualifying	g trust o	rust on Nov. 20, 1970 (explain in Part VI.) See instructions. A				
	other Type III non-functionally integrated supporting organizations must co	mplete S	Sections A through E.				
Sect	ion A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)			
1	Net short-term capital gain	1					
2	Recoveries of prior-year distributions	2					
3	Other gross income (see instructions)	3					
4	Add lines 1 through 3	4					
5	Depreciation and depletion	5					
6	Portion of operating expenses paid or incurred for production or						
	collection of gross income or for management, conservation, or						
	maintenance of property held for production of income (see instructions)	6					
7	Other expenses (see instructions)	7					
8	Adjusted Net Income (subtract lines 5, 6, and 7 from line 4)	8					
Sect	ion B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)			
1	Aggregate fair market value of all non-exempt-use assets (see						
	instructions for short tax year or assets held for part of year):						
а	Average monthly value of securities	1a					
b	Average monthly cash balances	1b					
С	Fair market value of other non-exempt-use assets	1c					
d	Total (add lines 1a, 1b, and 1c)	1d					
е	Discount claimed for blockage or other						
	factors (explain in detail in Part VI):						
2	Acquisition indebtedness applicable to non-exempt-use assets	2					
3	Subtract line 2 from line 1d	3					
4	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount,						
	see instructions)	4					
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5					
6	Multiply line 5 by .035	6					
7	Recoveries of prior-year distributions	7					
8	Minimum Asset Amount (add line 7 to line 6)	8					
Sect	ion C - Distributable Amount			Current Year			
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1					
2	Enter 85% of line 1	2					
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3					
4	Enter greater of line 2 or line 3	4					
5	Income tax imposed in prior year	5					
6	Distributable Amount. Subtract line 5 from line 4, unless subject to						
	emergency temporary reduction (see instructions)	6					
7	Check here if the current year is the organization's first as a non-functionall	y integra	ated Type III supporting org	anization (see			
	instructions).						

Schedule A (Form 990 or 990-EZ) 2016

ı aı	Type iii Non-Functionally integrated 509	(a)(3) Supporting Orga	anizations (continued)	
Secti	on D - Distributions		,	Current Year
1	Amounts paid to supported organizations to accomplish exe	mpt purposes		
2	Amounts paid to perform activity that directly furthers exemp			
	organizations, in excess of income from activity			
3	Administrative expenses paid to accomplish exempt purpose	es of supported organization	ns	
4	Amounts paid to acquire exempt-use assets			
5	Qualified set-aside amounts (prior IRS approval required)			
6	Other distributions (describe in Part VI). See instructions			
7	Total annual distributions. Add lines 1 through 6			
8	Distributions to attentive supported organizations to which the	ne organization is responsive	e	
	(provide details in Part VI). See instructions			
9	Distributable amount for 2016 from Section C, line 6			
10	Line 8 amount divided by Line 9 amount			
		(i)	(ii)	(iii)
		Excess Distributions	Underdistributions	Distributable
secti	on E - Distribution Allocations (see instructions)		Pre-2016	Amount for 2016
1	Distributable amount for 2016 from Section C, line 6			
2	Underdistributions, if any, for years prior to 2016 (reason-			
	able cause required- explain in Part VI). See instructions			
3	Excess distributions carryover, if any, to 2016:			
а			-	
b				
С	From 2013			
d	From 2014			
е	From 2015			
f	Total of lines 3a through e			
g	Applied to underdistributions of prior years			
h	Applied to 2016 distributable amount			
i	Carryover from 2011 not applied (see instructions)			
j	Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4	Distributions for 2016 from Section D,			
	line 7: \$			
а	Applied to underdistributions of prior years			
b	Applied to 2016 distributable amount			
С	Remainder. Subtract lines 4a and 4b from 4			
5	Remaining underdistributions for years prior to 2016, if			
	any. Subtract lines 3g and 4a from line 2. For result greater			
	than zero, explain in Part VI. See instructions			
6	Remaining underdistributions for 2016. Subtract lines 3h			
	and 4b from line 1. For result greater than zero, explain in			
	Part VI. See instructions			
7	Excess distributions carryover to 2017. Add lines 3j			
	and 4c			
8	Breakdown of line 7:			
а				
b	Excess from 2013			
С	Excess from 2014			
d	Excess from 2015			
0	Excess from 2016			

Schedule A (Form 990 or 990-EZ) 2016

Schedule A	(Form 990 or 990-EZ) 2016 DISORDERS, INC.	13-3223946	Page 8
Part VI	Supplemental Information. Provide the explanations required by Part II, line 10; Part II, line 1 Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, li line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a, and 3b; Part V, line 1; Fart IV, Section E, III Part IV, I	7a or 17b; Part III, line 12;	
	line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a, and 3b; Part V, line 1; F Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any ac (See instructions.)	Part V, Section B, line 1e; Palditional information.	art V,

SCHEDULE C

(Form 990 or 990-EZ)

Department of the Treasury Internal Revenue Service

Political Campaign and Lobbying Activities

For Organizations Exempt From Income Tax Under section 501(c) and section 527 ► Complete if the organization is described below. ► Attach to Form 990 or Form 990-EZ. ▶ Information about Schedule C (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047 16 Open to Public

Inspection

If the organization answered "Yes," on Form 990, Part IV, line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations: Complete Parts I-A and B. Do not complete Part I-C.
- Section 501(c) (other than section 501(c)(3)) organizations: Complete Parts I-A and C below. Do not complete Part I-B.
- Section 527 organizations: Complete Part I-A only.

If the organization answered "Yes," on Form 990, Part IV, line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)): Complete Part II-A. Do not complete Part II-B.
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)): Complete Part II-B. Do not complete Part II-A.

If the organization answered "Yes," on Form 990, Part IV, line 5 (Proxy Tax) (see separate instructions) or Form 990-EZ, Part V, line 35c (Proxy

Tax) (see separate instructions), then				
 Section 501(c)(4), (5), or (6) organizat 	ions: Complete Part III.			
Name of organization NATIONAL OF	GANIZATION FOR RARE		Empl	oyer identification number
DISORDERS,				13-3223946
Part I-A Complete if the org	anization is exempt und	er section 501(c)	or is a section 527 o	rganization.
 Provide a description of the organiz Political campaign activity expendit Volunteer hours for political campai 	ures		▶\$	
Part I-B Complete if the org	anization is exempt und	er section 501(c)(3).	
1 Enter the amount of any excise tax	incurred by the organization und	der section 4955	▶\$	
2 Enter the amount of any excise tax	incurred by organization manage	ers under section 4955	▶\$	
3 If the organization incurred a sectio	n 4955 tax, did it file Form 4720	for this year?		Yes No
4a Was a correction made?				
b If "Yes." describe in Part IV.				
Part I-C Complete if the org	anization is exempt und	er section 501(c),	except section 501(c)(3).
 Enter the amount directly expended Enter the amount of the filing organ exempt function activities Total exempt function expenditures line 17b Did the filing organization file Form Enter the names, addresses and en made payments. For each organiza contributions received that were prepolitical action committee (PAC). If a contribution or the filing organization organi	ization's funds contributed to other. Add lines 1 and 2. Enter here a second s	her organizations for se and on Form 1120-POL, N) of all section 527 pol d from the filing organiz a separate political orga	sction 527 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Yes No h the filing organization e amount of political
(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds. If none, enter -0	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization. If none, enter -0

NATIONAL	L ORGANIZ	ATION FOR RARE			
Schedule C (Form 990 or 990-EZ) 2016 DISORDER	RS, INC.			13-32	
Part II-A Complete if the organization	on is exe	mpt under section	on 501(c)(3) and fil	ed Form 5768 (e	election under
section 501(h)).					
A Check ► if the filing organization belon	gs to an affi	iliated group (and list i	n Part IV each affiliated	group member's nar	ne, address, EIN,
expenses, and share of exce	ss lobbying	expenditures).			
B Check ▶ ☐ if the filing organization check	ked box A a	nd "limited control" pr	ovisions apply.		
Limits on Lob (The term "expenditures" n	bying Expe	nditures		(a) Filing organization's totals	(b) Affiliated group totals
1a Total lobbying expenditures to influence pub	olic opinion ((grass roots lobbying)			
b Total lobbying expenditures to influence a le	-				
c Total lobbying expenditures (add lines 1a an					
e Total exempt purpose expenditures (add line					
f Lobbying nontaxable amount. Enter the amo					
If the amount on line 1e, column (a) or (b) is:		bying nontaxable am			
Not over \$500,000		the amount on line 1e			
Over \$500,000 but not over \$1,000,000	\$100,00	00 plus 15% of the exc	cess over \$500,000.		
Over \$1,000,000 but not over \$1,500,000	 	00 plus 10% of the ex			
Over \$1,500,000 but not over \$17,000,000	1	00 plus 5% of the exce			
Over \$17,000,000 \$1,000,000.					
g Grassroots nontaxable amount (enter 25% of	of line 1f)				
h Subtract line 1g from line 1a. If zero or less,	enter -0				
i Subtract line 1f from line 1c. If zero or less, e	enter -0				
j If there is an amount other than zero on eith					
reporting section 4911 tax for this year?					Yes N
(Some organizations that made Se	a section 5	eraging Period Under i01(h) election do not ate instructions for li	have to complete all	of the five columns	below.
Lob	bying Expe	nditures During 4-Ye	ar Averaging Period		
Calendar year (or fiscal year beginning in)	2013	(b) 2014	(c) 2015	(d) 2016	(e) Total
2a Lobbying nontaxable amount					
b Lobbying ceiling amount					
(150% of line 2a, column(e))					
c Total lobbying expenditures					

Schedule C (Form 990 or 990-EZ) 2016

d Grassroots nontaxable amount e Grassroots ceiling amount (150% of line 2d, column (e))

f Grassroots lobbying expenditures

Schedule C (Form 990 or 990-EZ) 2016 DISORDERS, INC. 13-3223946 Part II-B Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

For each "Yes," response on lines 1a through 1i below, provide in Part IV a detailed description	(a)	(b)	
of the lobbying activity.	Yes	No	Amou	ınt
1 During the year, did the filing organization attempt to influence foreign, national, state or				
local legislation, including any attempt to influence public opinion on a legislative matter				
or referendum, through the use of:				
a Volunteers?		Х		
b Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?				
c Media advertisements?		X		
d Mailings to members, legislators, or the public?		X		
Publications, or published or broadcast statements?		X		
f Grants to other organizations for lobbying purposes?		^		
g Direct contact with legislators, their staffs, government officials, or a legislative body?		х		
h Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?i Other activities?		71	1	10,065.
i Other activities? j Total. Add lines 1c through 1i				10,065.
2a Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?		Х		
b If "Yes," enter the amount of any tax incurred under section 4912				
c If "Yes," enter the amount of any tax incurred by organization managers under section 4912				
d If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?				
Part III-A Complete if the organization is exempt under section 501(c)(4), sec	tion 501(c	(5), or se	ection	
501(c)(6).				
			Yes	No
1 Were substantially all (90% or more) dues received nondeductible by members?		1		
, , , , , , , , , , , , , , , , , , , ,				
2 Did the organization make only in-house lobbying expenditures of \$2,000 or less?		2		
 2 Did the organization make only in-house lobbying expenditures of \$2,000 or less? 3 Did the organization agree to carry over lobbying and political campaign activity expenditures from 	the prior yea	ır? 3		
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 	the prior yea	ar? 3 (5), or se		
 2 Did the organization make only in-house lobbying expenditures of \$2,000 or less? 3 Did the organization agree to carry over lobbying and political campaign activity expenditures from 	the prior yea	ar? 3 (5), or se		e 3, is
2 Did the organization make only in-house lobbying expenditures of \$2,000 or less? 3 Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes."	the prior yea tion 501(c) d "No," O	ar? 3)(5), or se R (b) Par		e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes."	the prior yea tion 501(c d "No," O	ar? 3)(5), or se R (b) Par		e 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members 	the prior yea tion 501(c d "No," O	ar? 3)(5), or se R (b) Par		e 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). 	the prior yea tion 501(c d "No," O	ar? 3)(5), or se R (b) Par		e 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenditures) 	the prior yea tion 501(c) d "No," O	ar? 3 (5), or se R (b) Par 1		∋ 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year 	the prior yea tion 501(c) d "No," O	ar? 3 (5), or se R (b) Par 1 2a 2b		e 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year b Carryover from last year c Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues 	the prior yea tion 501(c) d "No," O	ar? 3 (5), or se R (b) Par 1 2a 2b 2c		e 3, is
2 Did the organization make only in-house lobbying expenditures of \$2,000 or less? 3 Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." 1 Dues, assessments and similar amounts from members 2 Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year b Carryover from last year c Total 3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues 4 If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the expenses for the section 162(e) dues	the prior yea tion 501(c) d "No," O tical	ar? 3 (5), or se R (b) Par 1 2a 2b 2c		e 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year b Carryover from last year c Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues 	the prior yea tion 501(c) d "No," O tical	ar? 3 (5), or se R (b) Par 1 2a 2b 2c		e 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year b Carryover from last year c Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the edoes the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? 	the prior yea tion 501(c) d "No," O tical	ar? 3 (5), or se R (b) Par 1 2a 2b 2c		e 3, is
 Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year b Carryover from last year c Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the edoes the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) 	the prior yea tion 501(c) d "No," O tical	ar? 3 (5), or se R (b) Par 1 2a 2b 2c 3		e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). Current year Carryover from last year Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Part IV Supplemental Information	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). Current year Carryover from last year Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated gro	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). Current year Carryover from last year Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Part IV Supplemental Information Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated gronstructions); and Part II-B, line 1. Also, complete this part for any additional information.	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). Current year Carryover from last year Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated gro	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). Current year Carryover from last year Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Part IV Supplemental Information Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated gronstructions); and Part II-B, line 1. Also, complete this part for any additional information.	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answere answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year b Carryover from last year c Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the edoes the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Part IV Supplemental Information Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated gronstructions); and Part II-B, line 1. Also, complete this part for any additional information.	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of police expenses for which the section 527(f) tax was paid). Current year Carryover from last year Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Part IV Supplemental Information Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated gronstructions); and Part II-B, line 1. Also, complete this part for any additional information. Part II-B, LINE 1, LOBBYING ACTIVITIES: The NATIONAL ORGANIZATION FOR RARE DISORDERS HAS AN OFFICE IN TASHINGTON, DC, WHERE EMPLOYEES WORK ON LEGISLATIVE AND REGULATORY	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is
Did the organization make only in-house lobbying expenditures of \$2,000 or less? Did the organization agree to carry over lobbying and political campaign activity expenditures from Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered answered "Yes." Dues, assessments and similar amounts from members Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid). a Current year b Carryover from last year c Total Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the edoes the organization agree to carryover to the reasonable estimate of nondeductible lobbying and expenditure next year? Taxable amount of lobbying and political expenditures (see instructions) Part IV Supplemental Information Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated gronstructions); and Part II-B, line 1. Also, complete this part for any additional information. Part II-B, LINE 1, LOBBYING ACTIVITIES:	the prior yea tion 501(c) d "No," O tical	2a 2b 2c 3	t III-A, lind	e 3, is

SCHEDULE D (Form 990)

Department of the Treasury Internal Revenue Service

Supplemental Financial Statements

► Complete if the organization answered "Yes" on Form 990,
Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.

► Attach to Form 990.

▶ Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047 Open to Public Inspection

Name of the organization

NATIONAL ORGANIZATION FOR RARE DISORDERS, INC.

Employer identification number 13-3223946

Pai	organizations Maintaining Donor Advised organization answered "Yes" on Form 990, Part IV, line		ds or Accounts. Complete if the
		(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year		
2	Aggregate value of contributions to (during year)		
3	Aggregate value of grants from (during year)		
4	Aggregate value at end of year		
5	Did the organization inform all donors and donor advisors in w	vriting that the assets held in donor adv	rised funds
	are the organization's property, subject to the organization's e	exclusive legal control?	Yes No
6	Did the organization inform all grantees, donors, and donor ac		
	for charitable purposes and not for the benefit of the donor or		
	impermissible private benefit?		Yes No
Pai			
1	Purpose(s) of conservation easements held by the organization	on (check all that apply).	
	Preservation of land for public use (e.g., recreation or ed	ducation) Preservation of a his	storically important land area
	Protection of natural habitat	Preservation of a ce	ertified historic structure
	Preservation of open space		
2	Complete lines 2a through 2d if the organization held a qualification	ed conservation contribution in the forr	m of a conservation easement on the last
	day of the tax year.		Held at the End of the Tax Year
а	Total number of conservation easements	Y	2a
b	Total acreage restricted by conservation easements		
С	Number of conservation easements on a certified historic stru	ucture included in (a)	2c
d	Number of conservation easements included in (c) acquired a	after 8/17/06, and not on a historic struc	oture
	listed in the National Register		2d
3	Number of conservation easements modified, transferred, rele		
	year ▶		
4	Number of states where property subject to conservation eas	sement is located >	_
5	Does the organization have a written policy regarding the peri	odic monitoring, inspection, handling o	f
	violations, and enforcement of the conservation easements it	holds?	Yes
6	Staff and volunteer hours devoted to monitoring, inspecting, h	handling of violations, and enforcing co	nservation easements during the year
			
7	Amount of expenses incurred in monitoring, inspecting, handle	ling of violations, and enforcing conserv	ation easements during the year
	> \$		
8	Does each conservation easement reported on line 2(d) above	e satisfy the requirements of section 17	70(h)(4)(B)(i)
	and section 170(h)(4)(B)(ii)?		Yes No
9	In Part XIII, describe how the organization reports conservation	on easements in its revenue and expens	se statement, and balance sheet, and
	include, if applicable, the text of the footnote to the organization	ion's financial statements that describe	s the organization's accounting for
_	conservation easements.		
Pai	rt III Organizations Maintaining Collections of		Other Similar Assets.
	Complete if the organization answered "Yes" on Form		
1a	If the organization elected, as permitted under SFAS 116 (ASC	•	
	historical treasures, or other similar assets held for public exh	ibition, education, or research in further	rance of public service, provide, in Part XIII,
	the text of the footnote to its financial statements that describ		
b	If the organization elected, as permitted under SFAS 116 (ASC		,
	treasures, or other similar assets held for public exhibition, ed	lucation, or research in furtherance of p	public service, provide the following amounts
	relating to these items:		
	(i) Revenue included on Form 990, Part VIII, line 1		
			·
2	If the organization received or held works of art, historical trea	asures, or other similar assets for financ	ial gain, provide
	the following amounts required to be reported under SFAS 11		
а	Revenue included on Form 990, Part VIII, line 1		> \$
b	Assets included in Form 990, Part X		\$

13-3223946

DISORDERS, INC.

Par	t III	Organizations Maintaining C	ollections of Ar	t, Hist	orical Tr	easures, c	or Othe	r Simil	ar Asse	ts(contin	ued)
3	Using	g the organization's acquisition, accession	on, and other record	s, check	any of the	following tha	t are a si	gnificant	use of its	collection	n items
	(chec	ck all that apply):									
а		Public exhibition	d	ı	oan or exc	hange progra	ams				
b		Scholarly research	е		Other						
С		Preservation for future generations									
4	Provi	de a description of the organization's co	llections and explair	n how th	ey further t	he organizati	on's exer	npt purp	ose in Pai	t XIII.	
5		g the year, did the organization solicit o							_	_	
		sold to raise funds rather than to be ma							<u></u>	Yes	No_
Par	t IV	!		te if the	organizatio	n answered '	'Yes" on	Form 990), Part IV,	line 9, or	
		reported an amount on Form 990, Par									
1a		e organization an agent, trustee, custodi								7	
		orm 990, Part X?							∟	∐ Yes	└── No
b	If "Ye	es," explain the arrangement in Part XIII	and complete the fol	llowing t	able:						
										Amount	
		nning balance									
		tions during the year									
		butions during the year									
		ng balance									
		ne organization include an amount on Fo						τу?	└─	⊻ Yes	∐ No
Par		es," explain the arrangement in Part XIII. Endowment Funds. Complete if						<u></u>			
ı uı	•	Endowner Turids: Complete ii	<u> </u>			(c) Two year			ears back	(a) Four	years back
10	Pogir	nning of year balance	(a) Current year	(b) F	rior year	(C) TWO year	5 Dack ((u) Tillee y	rears back	(e) i oui	years back
		ributions									
		nvestment earnings, gains, and losses									
		ts or scholarships									
		r expenditures for facilities									
C											
f		orograms nistrative expenses									
g											
2		of year balance	ent year end halanc	e (line 1	r column (s	a)) held as:					
		d designated or quasi-endowment	crit year erid balario	%	g, coluitii (e	ajj ricia as.					
		anent endowment	%	_/*							
		porarily restricted endowment									
_		percentages on lines 2a, 2b, and 2c sho									
За		here endowment funds not in the posse		ation tha	t are held a	nd administe	red for th	ne organiz	zation		
	by:							Ü		Γ	Yes No
	-	nrelated organizations								3a(i)	
		elated organizations								3a(ii)	
b		es" on line 3a(ii), are the related organiza								. 3b	
4	Desc	ribe in Part XIII the intended uses of the	organization's endo	wment f	unds.						
Par	t VI	Land, Buildings, and Equipm	ent.								
		Complete if the organization answered	d "Yes" on Form 990	, Part IV	', line 11a. S	See Form 990), Part X,	line 10.			
		Description of property	(a) Cost or ot	ther	(b) Cost	or other	(c) Ac	cumulate	ed	(d) Book	value
			basis (investm	nent)	basis	(other)	dep	reciation			
1a	Land					505,203.					505,203.
b	Build	ings				767,812.		300,	957.		466,855.
С	Leas	ehold improvements									
d	Equip	oment			2	,662,079.		1,985,	848.		676,231.
		r									
Catal	٨٨٨	lines to through to (Column (d) must ex	aual Form 990 Port	V colum	on (D) line 1	1001				1	648 289

Schedule D (Form 990) 2016

13-3223946

DISORDERS, INC.

Part VII	Investments - Other Securities.				
(a) Descript	Complete if the organization answered "Yes" tion of security or category (including name of security)	on Form 990, Part IV (b) Book value		90, Part X, line 12. of valuation: Cost or en	d-of-vear market value
		(b) DOOK value	(c) Method c	valuation. Oost of en	u-or-year market value
	Il derivatives				
(3) Other	held equity interests				
(A)					
(B)					
(C)					
(D)					
(E)					
(F)					
(G)					
(H)					
Total. (Col. (b	n) must equal Form 990, Part X, col. (B) line 12.) ▶				
Part VIII	Investments - Program Related.				
	Complete if the organization answered "Yes"	on Form 990, Part IV	, line 11c. See Form 99	00, Part X, line 13.	
	(a) Description of investment	(b) Book value	(c) Method o	of valuation: Cost or en	d-of-year market value
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)				V	
(8)					
(9))				
	o) must equal Form 990, Part X, col. (B) line 13.) Other Assets.				
Tarenx	Complete if the organization answered "Yes"	on Form 990 Part IV	line 11d See Form 90	00 Part X line 15	
		Description	, 11110 1 14. 000 1 01111 00	70, 1 4117, 1110 10.	(b) Book value
(1)	``	1			. ,
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
	mn (b) must equal Form 990, Part X, col. (B) line	e 15.)		>	
Part X	Other Liabilities.				
	Complete if the organization answered "Yes"	on Form 990, Part IV		orm 990, Part X, line 25	5.
<u>1.</u>	(a) Description of liability		(b) Book value		
	eral income taxes				
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)	man (h) musat agual Farra 2000 Bart V and (B) I'm	25)			
i otal. (Colur	mn (b) must equal Form 990, Part X, col. (B) line	20.)			

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

DISORDERS, INC.

Part	XI Reconciliation of Revenue per Audited Financial Statem		Revenue per R	eturn.	
	Complete if the organization answered "Yes" on Form 990, Part IV, line 12				20 440 025
	otal revenue, gains, and other support per audited financial statements			1	38,419,035.
	amounts included on line 1 but not on Form 990, Part VIII, line 12:	1 - 1	F 000		
	let unrealized gains (losses) on investments		5,099.		
	onated services and use of facilities				
	decoveries of prior year grants		105 604		
	Other (Describe in Part XIII.)		185,604.		100 502
	.dd lines 2a through 2d			2e	190,703.
	Subtract line 2e from line 1			3	38,228,332.
	mounts included on Form 990, Part VIII, line 12, but not on line 1:	1.1			
	nvestment expenses not included on Form 990, Part VIII, line 7b				
	Other (Describe in Part XIII.)			4-	0
	dd lines 4a and 4b			4c	20 220 222
5 T	otal revenue. Add lines 3 and 4c. (This must equal Form 990, Part I, line 12.) XII Reconciliation of Expenses per Audited Financial Stater	nente With	Evnences ner	5 Peturn	38,228,332.
Fait	Complete if the organization answered "Yes" on Form 990, Part IV, line 12.		Expenses per	netuiii	•
1 7	otal expenses and losses per audited financial statements			1	28,926,752.
	mounts included on line 1 but not on Form 990, Part IX, line 25:				20,520,752,
	onated services and use of facilities	2a			
	Prior year adjustments				
	Other losses				
	Other losses Other (Describe in Part XIII.)		185,604.		
	dd lines 2a through 2d		,	2e	185,604,
	Subtract line 2e from line 1			3	28,741,148.
	mounts included on Form 990, Part IX, line 25, but not on line 1:				
	nvestment expenses not included on Form 990, Part VIII, line 7b	4a			
	Other (Describe in Part XIII.)				
	dd lines 4a and 4b			4c	0.
	otal expenses. Add lines 3 and 4c. (This must equal Form 990, Part I, line 18.)			5	28,741,148.
	XIII Supplemental Information.			· ·	
Provide	e the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Pa	rt IV, lines 1b a	nd 2b; Part V, line	4; Part X,	line 2; Part XI,
lines 2	and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any ac	Iditional informa	ation.		
PART	K, LINE 2:				
NORD .	ACCOUNTS FOR UNCERTAINTY IN INCOME TAXES IN ACCORDANCE WITH	ASC			
TOPIC	, INCOME TAXES. THIS STANDARD CLARIFIES THE ACCOUNTING FOR				
UNCER	FAINTY IN TAX POSITIONS AND PRESCRIBES A RECOGNITION THRESHO	LD AND			
MEASU	REMENT ATTRIBUTE FOR THE FINANCIAL STATEMENTS REGARDING A TA	X			
POSIT	ION TAKEN OR EXPECTED TO BE TAKEN IN A TAX RETURN. NORD HAS				
DETER	MINED THAT THERE ARE NO UNCERTAIN TAX POSITIONS WHICH QUALIF	Y FOR			
	DESCRIPTION OF PERSONAL IN THE PENNAL STREET	EGENDED			
EITHE	R RECOGNITION OR DISCLOSURE IN THE FINANCIAL STATEMENTS AT D	ECEMBER			
31 2	NIE AND 2015 MODD'S THEODMANTON DENTIONS ARE STRIPTED TO EVAN	TNATTON			
JI, Z	016 AND 2015. NORD'S INFORMATION RETURNS ARE SUBJECT TO EXAM	TINTION			
ву тн	FEDERAL AND STATE				
JURIS	DICTIONS.				

NATIONAL ORGANIZATION FOR RARE

Schedule D (Form 990) 2016 DISORDERS, INC.	13-3223946	Page 5
Schedule D (Form 990) 2016 DISORDERS, INC. Part XIII Supplemental Information (continued)		
PART XI, LINE 2D - OTHER ADJUSTMENTS:		
TAKE AL, BINE 2D CHIER ADDODIMENTS.		
FUNDRAISING EXPENSES 185,604.		
PART XII, LINE 2D - OTHER ADJUSTMENTS:		
TYPIDD TOTAL DVDDVOTO		
FUNDRAISING EXPENSES 185,604.		

SCHEDULE F (Form 990)

Department of the Treasury Internal Revenue Service

Statement of Activities Outside the United States

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

Attach to Form 990.

▶ Information about Schedule F (Form 990) and its instructions is at www.irs.gov/form990.

2016
Open to Public Inspection

Name of the organization
NATIONAL ORGANIZATION FOR RARE
DISORDERS, INC.

Employer identification number

13-3223946

Pa	rt I	General Infor	rmation on A	ctivities Ou	tside the United States. Comple	ete if the organization answered '	'Yes" on
		Form 990, Part IV	/, line 14b.				
1	For g			n maintain recor	ds to substantiate the amount of its gra	ants and other assistance,	
	the gr	antees' eligibility fo	or the grants or a	assistance, and	the selection criteria used to award the	grants or assistance?	Yes No
2	For g	r antmakers. Desc	ribe in Part V the	e organization's	procedures for monitoring the use of its	s grants and other assistance ou	tside the
	United	d States.					
3	Activit	ties per Region. (TI	he following Parl	I, line 3 table ca	an be duplicated if additional space is r	needed.)	
	(a) Region	(b) Number of	(c) Number of	(d) Activities conducted in the region	(e) If activity listed in (d)	(f) Total
			offices	employees, agents, and independent contractors	(by type) (such as, fundraising, pro-	is a program service,	expenditures for and
			in the region	independent	gram services, investments, grants to	. ,	investments
				in the region	recipients located in the region)	of service(s) in the region	in the region
3 a	Sub-to	otal	0	0			0.
b		from continuation					
	sheet	s to Part I	0	0			0.
С	Totals	s (add lines 3a					
	and 3	b)	0	0			0.

DISORDERS, INC. 13-3223946 Page 2

Grants and Other Assistance to Organizations or Entities Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)		
			PSEUDOMYXOMA							
		EUROPE (INCLUDING	PERITOMEI (PMP)-							
		ICELAND AND	INITIAL RESERCH ON							
		GREENLAND)	CURE AND TEATMENT OF	25,000.	СНЕСК	0.		воок		
			CAT EYE SYNDROME-							
			INITIAL RESERCH ON							
		MIDDLE EAST AND	CURE AND TEATMENT OF							
		NORTH AFRICA	DISEASE STATE	15,000.	СНЕСК	0.		воок		
			CREUTZFELDT JAKOB							
		EUROPE (INCLUDING	DISEASE- INITIAL							
		ICELAND AND	RESERCH ON CURE AND							
		GREENLAND)	TEATMENT OF DISEASE	20,000.	CHECK	0.		воок		
		EUROPE (INCLUDING	PURPURA, IDIOPATHIC							
		ICELAND AND	THROMBOCYTOPENIC							
		GREENLAND)	(ITP)	13,000.	CHECK	0.		воок		
			PRIMARY ORTHOSTATIC							
		PACIFIC	TREMOR	8,182.	CHECK	0.		воок		
2 Enter total number of	recipient organizatio	ns listed above that are	recognized as charities by the	foreign country,	recognized as tax-e	xempt by				
	the IBS or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter									

3 Enter total number of other organizations or entities

13-3223946

Part III Grants and Other Assistance to Individuals Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 16.

Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of noncash assistance	(g) Description of noncash assistance	(h) Method of valuation (book, FMV, appraisal, other)

Part IV Foreign Forms

1	Was the organization a U.S. transferor of property to a foreign corporation during the tax year? If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)	Yes	X No
2	Did the organization have an interest in a foreign trust during the tax year? If "Yes," the organization may be required to separately file Form 3520, Annual Return To Report Transactions With Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; do not file with Form 990)	Yes	X No
3	Did the organization have an ownership interest in a foreign corporation during the tax year? If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect To Certain Foreign Corporations (see Instructions for Form 5471)	Yes	X No
4	Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)	Yes	X No
5	Did the organization have an ownership interest in a foreign partnership during the tax year? If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons With Respect to Certain Foreign Partnerships (see Instructions for Form 8865)	Yes	X No
6	Did the organization have any operations in or related to any boycotting countries during the tax year? If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713; do not file with Form 990)	Yes	X No

Schedule F (Form 990) 2016

Page 5

Supplemental Information
Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of
investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c)
(estimated number of recipients), as applicable. Also complete this part to provide any additional information. See instructions.
PART II, COLUMN (D):
TAKT II, COLORN (D).
REGION: EUROPE (INCLUDING ICELAND AND GREENLAND)
(D) PURPOSE OF GRANT: PSEUDOMYXOMA PERITOMEI (PMP) - INITIAL RESERCH ON
CURE AND TEATMENT OF DISEASE STATE
REGION: EUROPE (INCLUDING ICELAND AND GREENLAND)
REGION: EUROPE (INCHODING ICEDAND AND GREENDAND)
(D) PURPOSE OF GRANT: CREUTZFELDT JAKOB DISEASE- INITIAL RESERCH ON CURE
AND TEATMENT OF DISEASE STATE

SCHEDULE G

(Form 990 or 990-EZ)

Department of the Treasury Internal Revenue Service

Supplemental Information Regarding Fundraising or Gaming Activities

Complete if the organization answered "Yes" on Form 990, Part IV, line 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a.

► Attach to Form 990 or Form 990-EZ.

► Information about Schedule G (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.

OMB No. 1545-0047

Open to Public Inspection

Schedule G (Form 990 or 990-EZ) 2016

Name of the organization NATIONAL OF	RGANIZATION FOR RARE					Employer ide	ntification number
DISORDERS,	INC.					13-3223946	
Part I Fundraising Activities required to complete this par	 Complete if the organization answet. 	ered "Y	'es" o	n Form 990, Part IV,	line 1	7. Form 990-E2	I filers are not
Indicate whether the organization rais	e Solicitat f Solicitat g Special or oral agreement with any individual cart VII) or entity in connection with p viduals or entities (fundraisers) pursu	tion of tion of fundra (includerofess	non-g gover aising ding o ional f	overnment grants nment grants events fficers, directors, true fundraising services?	stees	Yes	
(i) Name and address of individual or entity (fundraiser)	(ii) Activity	(iii) fundr have c or cor contrib	Did raiser ustody itrol of utions?	(iv) Gross receipts from activity	to (d	Amount paid or retained by) fundraiser ted in col. (i)	(vi) Amount paid to (or retained by) organization
		Yes	No				
		K					
Total			•				
List all states in which the organization or licensing.	on is registered or licensed to solicit o	contrib	outions	s or has been notified	d it is	exempt from re	egistration

Schedule G (Form 990 or 990-EZ) 2016 DISORDERS, INC. 13-3223946 Pag
Part II Fundraising Events. Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than \$15,000

None None None (d) Total quantity (event type) (total number) (d) Total quantity (event type) (total number) (d) Total quantity (event type) (total number) (event type) (event type) (total number) (event type) (total number) (event type)			of fundraising event contributions and gr				ots greater than \$5,000.	
ANNITIAL GALA STIMELT (event type) (event type) (total number) 1 Gross receipts 673,950, 436,590, 1,110,540 2 Less: Contributions 614,150, 436,590, 1,050,740 3 Gross income (line 1 minus line 2) 59,800, 59,800 4 Cash prizes 5 Noncash prizes 6 Rent/facility costs 7 Food and beverages 56,221, 56,221 8 Entertainment 9 Other direct expenses ummary. Add lines 4 through 9 in column (d) 183,600 1 Test income summary. Add lines 4 through 9 in column (d) 183,600 1 Gross revenue (e) Other gaming (dot (a) through col. (e)				(a) Event #1	(b) Event #2	(c) Other events	(d) Total events	
No.						NONE		
Gevent type (event type) (total number) (total							l ' ' ' '	
2 Less: Contributions 614,150 . 436,590 . 1,050,744 3 Gross income (line 1 minus line 2) 59,800 . 59,800 4 Cash prizes	<u>e</u>			(event type)	(event type)	(total number)	. "	
2 Less: Contributions 614,150 436,590 1,050,744 3 Gross income (line 1 minus line 2) 59,800 59,800 4 Cash prizes 5 Noncash prizes 27,623 27,623 27,623 7 Food and beverages 56,221 56,221 9 Other direct expenses summary. Add lines 4 through 9 in column (d) 132,664 101,765 10 Direct expenses summary. Add lines 4 through 9 in column (d) 132,604 132,804 132	/en							
3 Gross income (line 1 minus line 2) 59,800 59,800	Re	1	Gross receipts	673,950.	436,590.		1,110,540.	
3 Gross income (line 1 minus line 2) 59,800 59,800								
4 Cash prizes 5 Noncash prizes 6 Rent/facility costs 27,623, 7 Food and beverages 5 6,221, 9 Other direct expenses summary. Add lines 4 through 9 in column (d) 10 Direct expenses summary. Add lines 4 through 9 in column (d) 11 Net Income summary. Subtract line 10 from line 3, column (d) 12 Cash prizes 13 Noncash prizes 14 Rent/facility costs 15 Other direct expenses 16 Volunteer labor 17 Direct expenses summary. Add lines 2 through 5 in column (d) 18 Rent/facility costs 19 Other direct expenses summary. Add lines 2 through 5 in column (d) 19 Enter the state(s) in which the organization conducts gaming activities: 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No		2	Less: Contributions	614,150.	436,590.		1,050,740.	
4 Cash prizes 5 Noncash prizes 6 Rent/facility costs 27,623, 7 Food and beverages 5 6,221, 9 Other direct expenses summary. Add lines 4 through 9 in column (d) 10 Direct expenses summary. Add lines 4 through 9 in column (d) 11 Net Income summary. Subtract line 10 from line 3, column (d) 12 Cash prizes 13 Noncash prizes 14 Rent/facility costs 15 Other direct expenses 16 Volunteer labor 17 Direct expenses summary. Add lines 2 through 5 in column (d) 18 Rent/facility costs 19 Other direct expenses summary. Add lines 2 through 5 in column (d) 19 Enter the state(s) in which the organization conducts gaming activities: 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No				F			50.000	
5 Noncash prizes 27,623		3	Gross income (line 1 minus line 2)	59,800.			59,800.	
5 Noncash prizes 27,623		_	Cook avines					
Rent/facility costs 27,623 27,623 56,221		4	Cash prizes					
Rent/facility costs 27,623 27,623 56,221		_	Noncoch prizos					
8 Entertainment 9 Other direct expenses 81,896. 19,864. 101,766 10 Direct expense summary. Add lines 4 through 9 in column (d) 11 Net income summary. Subtract line 10 from line 3, column (d) 125,804 Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a. (a) Bingo (b) Pull tabs/instant bingo/progressive bingo (c) Other gaming (add col. (a) through col. (c) I Gross revenue 2 Cash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses (b) Velunteer labor No No No No 7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Total gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year?	တ္ထ	3	Noncash prizes					
8 Entertainment 9 Other direct expenses 81,896. 19,864. 101,766 10 Direct expense summary. Add lines 4 through 9 in column (d) 11 Net income summary. Subtract line 10 from line 3, column (d) 125,804 Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a. (a) Bingo (b) Pull tabs/instant bingo/progressive bingo (c) Other gaming (add col. (a) through col. (c) I Gross revenue 2 Cash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses (b) Velunteer labor No No No No 7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Total gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year?	Sus	6	Rent/facility costs	27 623.			27 623.	
8 Entertainment 9 Other direct expenses 81,896. 19,864. 101,766 10 Direct expense summary. Add lines 4 through 9 in column (d) 11 Net income summary. Subtract line 10 from line 3, column (d) 125,804 Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a. (a) Bingo (b) Pull tabs/instant bingo/progressive bingo (c) Other gaming (add col. (a) through col. (c) I Gross revenue 2 Cash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses (b) Velunteer labor No No No No 7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Total gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year?	, b	•	Tient facility costs	27,020.			27,020.	
8 Entertainment 9 Other direct expenses 81,896. 19,864. 101,766 10 Direct expense summary. Add lines 4 through 9 in column (d) 11 Net income summary. Subtract line 10 from line 3, column (d) Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a. (a) Bingo (b) Pull tabs/instant bingo/progressive bingo (c) Other gaming (add col. (a) through col. (c) I Gross revenue 2 Cash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses (b) Velunteer labor 7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? Yes No.* explain:	ct E	7	Food and beverages	56,221.			56,221.	
8 Entertainment 9 Other direct expenses 81,896. 19,864. 101,766 10 Direct expense summary. Add lines 4 through 9 in column (d) 11 Net income summary. Subtract line 10 from line 3, column (d) 125,804 Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a. (a) Bingo (b) Pull tabs/instant bingo/progressive bingo (c) Other gaming (add col. (a) through col. (c) I Gross revenue 2 Cash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses (b) Velunteer labor No No No No 7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Total gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a is the organization licensed to conduct gaming activities in each of these states? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10 Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year?	کار ا	-	, oca ana povorageo	, -			, -	
9 Other direct expenses	_	8	Entertainment					
10 Direct expense summary. Add lines 4 through 9 in column (d) 185,604					19,864.		101,760.	
11 Net income summary. Subtract line 10 from line 3, column (d) 125, 804		10		n 9 in column (d)		>	185,604.	
\$15,000 on Form 990-EZ, line 6a. (a) Bingo (b) Pull tabs/instant bingo/progressive bingo (c) Other gaming (cd) Total gaming (add col. (a) through col. (c) 1 Gross revenue		11	Net income summary. Subtract line 10 from li				-125,804.	
Color Colo	Pa	rt I	Gaming. Complete if the organization	answered "Yes" on Form	n 990, Part IV, line 19, or	reported more than		
1 Gross revenue 2 Cash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses 1 Gross revenue 2 Cash prizes 2 Gross revenue 3 Noncash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses 4 Gross revenue 5 Other direct expenses 6 Other direct expenses 7 Other direc			\$15,000 on Form 990-EZ, line 6a.					
1 Gross revenue	ē			(a) Bingo		(c) Other gaming	(d) Total gaming (add	
1 Gross revenue 2 Cash prizes 3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses Yes	en			., ,	bingo/progressive bingo	., 5 5	col. (a) through col. (c))	
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3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses 6 Volunteer labor 7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10b If "No," explain:		1	Gross revenue					
3 Noncash prizes 4 Rent/facility costs 5 Other direct expenses 6 Volunteer labor 7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? 10b If "No," explain:		_	Cook avines					
5 Other direct expenses	ses	2	Cash prizes					
5 Other direct expenses	oeu	2	Noncash prizes					
5 Other direct expenses	Ä		Noncasii prizes					
5 Other direct expenses	rect	4	Rent/facility costs					
6 Volunteer labor No	₫	•						
6 Volunteer labor No		5	Other direct expenses					
7 Direct expense summary. Add lines 2 through 5 in column (d) 8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No			·	Yes %	Yes %	Yes %		
8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No		6	Volunteer labor	No No	No No	No No		
8 Net gaming income summary. Subtract line 7 from line 1, column (d) 9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No								
9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No		7	Direct expense summary. Add lines 2 through	n 5 in column (d)		>		
9 Enter the state(s) in which the organization conducts gaming activities: a Is the organization licensed to conduct gaming activities in each of these states? b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No								
a Is the organization licensed to conduct gaming activities in each of these states? b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No		8	Net gaming income summary. Subtract line 7	from line 1, column (d)		>		
a Is the organization licensed to conduct gaming activities in each of these states? b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No								
b If "No," explain: 10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year?				_				
10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year?								
	b	If "	No," explain:					
	10-	\\/.	are any of the organization's coming licenses	avoked evenonded ext	erminated during the tax	vear?	Vos No	
- 100, Orphani						you!:		
	J	"	. 33, OADIGITI.					

NATIONAL ORGANIZATION FOR RARE

Sch	edule G (Form 990 or 990-EZ) 2016 DISORDERS, INC. 13-	-3223946		Page 3
11	Does the organization conduct gaming activities with nonmembers?		Yes	☐ No
	Is the organization a grantor, beneficiary or trustee of a trust, or a member of a partnership or other entity formed			
	to administer charitable gaming?		Yes	☐ No
12	Indicate the percentage of gaming activity conducted in:	—		
		۔مد ا	I	0/
	The organization's facility			<u>%</u>
	An outside facility	13b		<u>%</u>
14	Enter the name and address of the person who prepares the organization's gaming/special events books and records:			
	Name			
	Address >			
15a	Does the organization have a contract with a third party from whom the organization receives gaming revenue?		Yes	☐ No
b	If "Yes," enter the amount of gaming revenue received by the organization > \$ and the amount			
	of gaming revenue retained by the third party >\$			
c	If "Yes," enter name and address of the third party:			
	The rest, effect that address of the tillia party.			
	Name ►			
	Address			
16	Gaming manager information:			
	Name			
	Gaming manager compensation ▶ \$			
	Description of services provided			
	☐ Director/officer ☐ Employee ☐ Independent contractor			
17	Mandatory distributions:			
а	Is the organization required under state law to make charitable distributions from the gaming proceeds to			
	retain the state gaming license?		Yes	└── No
b	Enter the amount of distributions required under state law to be distributed to other exempt organizations or spent in the	ıe		
	organization's own exempt activities during the tax year ▶ \$			
Pa	rt IV Supplemental Information. Provide the explanations required by Part I, line 2b, columns (iii) and (v); and Part	III lines 9	9h 1	0h 15h
	15c, 16, and 17b, as applicable. Also provide any additional information. See instructions	111, 111100 0,	00, 1	56, 106,
	130, 10, and 170, as applicable. Also provide any additional information. See instructions			

NATIONAL ORGANIZATION FOR RARE

Schedule G	G (Form 990 or 990-EZ)	DISORDERS, INC.		13-3223946	Page 4
Part IV	G (Form 990 or 990-EZ) Supplemental Info	rmation (continued)			
	•				
			1		

SCHEDULE I (Form 990)

Department of the Treasury Internal Revenue Service **Grants and Other Assistance to Organizations, Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

➤ Attach to Form 990.

▶ Information about Schedule I (Form 990) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

Open to Public Inspection

Name of the organization NATIONAL ORGAN DISORDERS, INC	Employer identification number 13-3223946								
Part I General Information on Grants and Assistance									
 Does the organization maintain records to criteria used to award the grants or assisted. Describe in Part IV the organization's process. 	stance?								
Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any									
recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.									
(a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance		
NORTHWESTERN UNIVERSITY 750 N LAKE SHORE DRIVE CHICAGO, IL 60611	36-2167817		25,000.	0.	воок		CHARACTERIZING THE FOXF1 GENE NETWORK IN LUNG DEVELOPMENT		
DREXEL UNIVERSITY COLLEGE OF MEDICINE - 245 N.15TH STREET, SUITE 7150 - PHILADELPHIA, PA 19102	23-1352630		25,000.		BOOK		DEVELOPING A NOVEL DRUG DELIVERY PLATFORM FOR TARGETING HYALURONAN EXPRESSION IN		
STANFORD UNIVERSITY SCHOOL OF MEDICINE - 300 PATEUR DRIVE - H315 - STANFORD, CA 94305	94-1156365		15,000.		воок		CORRECTION OF MUCOPOLYSACCHARIDOSIS TYPE 1: TARGETING SAFE HARBOR LOCI USING GENOME		
CREIGHTON UNIVERSITY 2500 CALIFORNIA PLAZA OMAHA, NE 68178	47-0376583		12,500.	0.	воок		CARCINOEMBRYONIC ANTIGEN A PRO-ANGIOGENIC FACTOR IN PSEUDOMYXOMA PERITONEI IS A POTENTIAL TARGET FOR		
RUTGERS, THE STATE UNIVERSITY 7 COLLEGE AVE NEW BRUNSWICK, NJ 08901	22-6001086		7,500.	0.	воок		IDENTIFICATION OF THE GENETIC DEFECTS IN DUBOWITZ SYNDROME		
REGENTS OF UNIVERSITY OF CALIFORNIA - 1111 FRANKLIN ST - OAKLAND, CA 94607	94-3067788		40,565.	0.	воок		SEQUENCING THE CANCER GENOME OF MUCINOUS ADENCARCINOMA OF THE APPENDIX AND TARGETING		
2 Enter total number of section 501(c)(3) a	nd government or	ganizations listed in th	ne line 1 table) 8.		
3 Enter total number of other organizations									
111A For Denominant Reduction Act Notice							Cabadula I (Farm 000) (0046)		

Schedule I (Form 990)

DISORDERS, INC.

13-3223946

Part II Continuation of Grants and Other Assistance to Governments and Organizations in the United States (Schedule I (Form 990), Part II.) (a) Name and address of (b) EIN (c) IRC section (d) Amount of (f) Method of (g) Description of (h) Purpose of grant (e) Amount of organization or government if applicable valuation non-cash assistance or assistance cash grant non-cash assistance (book, FMV, appraisal, other) BAYLOR COLLEGE OF MEDICINE GROWTH ASSESSMENT IN 1 BAYLOR PLAZA INDIVIDUALS WITH CFC 15,000 SYNDROME HOUSTON, TX 77030 74-1613878 0.BOOK VARIANT NONKETOTIC UNIVERSITY OF COLORADO DENVER HYPERGLYCINEMIA: FROM 1201 LARIMER ST GENETIC DIAGNOSIS TO DENVER, CO 80204 19-9480521 63,750. 0 .BOOK CURATIVE TREATMENT AND

Page 1

NATIONAL ORGAN	IZATION FOR RARE					
Schedule I (Form 990) (2016) DISORDERS, INC	•				13-3223946	Page :
Part III Grants and Other Assistance to Domestic Part III can be duplicated if additional space i		organization answe	ered "Yes" on Form 9	990, Part IV, line 22.		
(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non- cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of nonc	ash assistance
PATIENT ASSISTANCE PROGRAMS	7309	20,462,649.	0.	воок		
Part IV Supplemental Information. Provide the infor	mation required in Part I, lin	e 2; Part III, column	(b); and any other a	dditional information.		
PART I, LINE 2:						
ANY GRANTS AND SUPPORT GIVEN ARE CLOSELY MO	ONITORED VIA REVIEW O	F BACKUP				
OCCUMENTATION AND PROOF OF EXPENSE.						
PART II, LINE 1, COLUMN (H):						
NAME OF ORGANIZATION OR GOVERNMENT: DREXEL	UNIVERSITY COLLEGE O	F MEDICINE				
(H) PHRPOSE OF GRANT OR ASSISTANCE. DEVELOP	PING A NOVEL DRUG DEL	TVERY				

THROUGH HUMAN SAMPLE ANALYSIS AND IN VIVO STUDIES

PLATFORM FOR TARGETING HYALURONAN EXPRESSION IN PSEUDOMYXOMA PERITONEI

Part IV Supplemental Information
NAME OF ORGANIZATION OR GOVERNMENT:
STANFORD UNIVERSITY SCHOOL OF MEDICINE
(H) PURPOSE OF GRANT OR ASSISTANCE: CORRECTION OF MUCOPOLYSACCHARIDOSIS
TYPE 1: TARGETING SAFE HARBOR LOCI USING GENOME EDITING
NAME OF ORGANIZATION OR GOVERNMENT: CREIGHTON UNIVERSITY
(H) PURPOSE OF GRANT OR ASSISTANCE: CARCINOEMBRYONIC ANTIGEN A
PRO-ANGIOGENIC FACTOR IN PSEUDOMYXOMA PERITONEI IS A POTENTIAL TARGET
FOR THERAPY
NAME OF ORGANIZATION OR GOVERNMENT: REGENTS OF UNIVERSITY OF CALIFORNIA
(H) PURPOSE OF GRANT OR ASSISTANCE: SEQUENCING THE CANCER GENOME OF
MUCINOUS ADENCARCINOMA OF THE APPENDIX AND TARGETING CORE SIGNALING
NETWORKS IN MUCINOUS ADENOCARCINOMA OF THE APPENDIX
NAME OF ORGANIZATION OR GOVERNMENT: UNIVERSITY OF COLORADO DENVER
(H) PURPOSE OF GRANT OR ASSISTANCE: VARIANT NONKETOTIC HYPERGLYCINEMIA:
FROM GENETIC DIAGNOSIS TO CURATIVE TREATMENT AND ROLE OF PERICYTES AND
PLATELET-DERIVED GROWTH FACTOR-BETA SIGNALING IN THE PATHOGENESIS OF
ALVEOLAR CAPILLARY DYSPLASIA WITH MISALIGNMENT OF PULMONARY VEINS

SCHEDULE J (Form 990)

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest
Compensated Employees

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.

Attach to Form 990.

► Information about Schedule J (Form 990) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

Open to Public Inspection

Name of the organization

Department of the Treasury

Internal Revenue Service

NATIONAL ORGANIZATION FOR RARE DISORDERS, INC.

Employer identification number 13-3223946

Pa	art I Questions Regarding Compensation					
			Yes	No		
1a	Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990,					
	Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.					
	First-class or charter travel Housing allowance or residence for personal use					
	Travel for companions Payments for business use of personal residence					
	Tax indemnification and gross-up payments Health or social club dues or initiation fees					
	Discretionary spending account Personal services (such as, maid, chauffeur, chef)					
b	If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or					
	reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain	1b				
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors,					
	trustees, and officers, including the CEO/Executive Director, regarding the items checked on line 1a?	2				
3	Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's					
	CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to					
	establish compensation of the CEO/Executive Director, but explain in Part III.					
	Compensation committee X Written employment contract					
	Independent compensation consultant X Compensation survey or study					
	Form 990 of other organizations X Approval by the board or compensation committee					
4	During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing					
	organization or a related organization:					
а	Receive a severance payment or change-of-control payment?	4a		х		
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	4b		Х		
С	c Participate in, or receive payment from, an equity-based compensation arrangement?					
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.					
	Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.					
5	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation					
	contingent on the revenues of:					
а	The organization?	5a		Х		
b	Any related organization?	5b		Х		
	If "Yes" on line 5a or 5b, describe in Part III.					
6	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation					
	contingent on the net earnings of:					
а	The organization?	6a		Х		
b	Any related organization?	6b		Х		
	If "Yes" on line 6a or 6b, describe in Part III.					
7	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments					
	not described on lines 5 and 6? If "Yes," describe in Part III	7		Х		
8	Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the					
	initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III	8		Х		
9	If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in					
	Populations section 52 4059 6(a)2	ا م ا		I		

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule J (Form 990) 2016

DISORDERS, INC. 13-3223946 Page 2

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported on Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that aren't listed on Form 990, Part VII.

Note: The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual.

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation				rement and	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B)
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation	other deferred compensation		Denents	(5)(1)-(0)	reported as deferred on prior Form 990
(1) PAMELA GAVIN	(i)	274,554.	0.	0.		13,250.	10,017.	297,821.	0.
CHIEF OPERATING OFFICER	(ii)	0.	0.	0.		0.	0.	. 0.	0.
(2) PETER SALTONSTALL	(i)	275,761.	0.	0.		13,250.	16,132.	305,143.	0.
PRESIDENT/CEO	(ii)	0.	0.	0.		0.	0.	0.	0.
(3) JAMES A. CHARNLEY	(i)	134,485.	0.	0.		6,146.	13,759.	154,390.	0.
VP OF FINANCE	(ii)	0.	0.	0.		0.	0.	0.	0.
(4) MARTHA L. RINKER	(i)	163,271.	0.	0.		7,519.	13,397.	184,187.	0.
VP OF PUBLIC POLICY	(ii)	0.	0.	0.		0.	0.	0.	0.
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DISORDERS, INC.

Part III Supplemental Information
Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.
PART I, LINE 3:
THE BOARD OF DIRECTORS REVIEWS EXTERNAL SURVEYS, DOL, BLS, AND ACCOUNTEMP
SURVEYS FOR DECISIONS ON THE EXECUTIVE DIRECTOR'S COMPENSATION. THERE IS
ALSO A SALARY ADMINISTRATION PLAN THAT TAKES INTO CONSIDERATION GEOGRAPHIC
SETTINGS, SKILLS, AND EDUCATION.

SCHEDULE M (Form 990)

Noncash Contributions

OMB No. 1545-0047

Open To Public Inspection

Department of the Treasury Internal Revenue Service

Name of the organization

Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.

Attach to Form 990.

Information about Schedule M (Form 990) and its instructions is at www.irs.gov/form990.

NATIONAL ORGANIZATION FOR RARE DISORDERS INC.

Employer identification number 13-3223946

Part I Types of Property (d) (a) (b) (c) Check if Number of Noncash contribution Method of determining contributions or amounts reported on applicable noncash contribution amounts items contributed Form 990, Part VIII, line 1a Art - Works of art 1 Art - Historical treasures Art - Fractional interests 3 Books and publications 4 Clothing and household goods 5 6 Cars and other vehicles Boats and planes 7 Intellectual property 8 139,887.FAIR VALUE Securities - Publicly traded 9 Securities - Closely held stock 10 Securities - Partnership, LLC, or trust interests Securities - Miscellaneous 12 Qualified conservation contribution -13 Historic structures 14 Qualified conservation contribution - Other Real estate - Residential 15 Real estate - Commercial 16 Real estate - Other 17 Collectibles 18 Food inventory 19 Drugs and medical supplies 20 21 Taxidermy 22 Historical artifacts Scientific specimens 23 Archeological artifacts 24 25 Other 26 Other 27 Other ▶ 28 Other 29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement 29 Yes No 30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which isn't required to be used for Х exempt purposes for the entire holding period? 30a **b** If "Yes." describe the arrangement in Part II. Х Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions? 31 31 32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash X contributions? 32a **b** If "Yes," describe in Part II. 33 If the organization didn't report an amount in column (c) for a type of property for which column (a) is checked,

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule M (Form 990) (2016)

describe in Part II.

SCHEDULE O

Internal Revenue Service

(Form 990 or 990-EZ)

Department of the Treasury

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.

Attach to Form 990 or 990-EZ.

2016
Open to Public Inspection

OMB No. 1545-0047

Name of the organization

Information about Schedule O (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

NATIONAL ORGANIZATION FOR RARE Emplo

DISORDERS, INC.

Employer identification number 13-3223946

FORM 990, PART I, LINE 1, DESCRIPTION OF ORGANIZATION MISSION: AND SUPPORTING THE ORGANIZATIONS THAT SERVE THEM THROUGH PROGRAMS OF ADVOCACY, EDUCATION, RESEARCH AND PATIENT SERVICES. FORM 990, PART III, LINE 1, DESCRIPTION OF ORGANIZATION MISSION: DISORDERS THROUGH PROGRAMS OF ADVOCACY, EDUCATION, RESEARCH AND PATIENT SERVICES. FORM 990, PART III, LINE 4D, OTHER PROGRAM SERVICES: RESEARCH AND MEDICAL AND SCIENTIFIC AFFAIRS ADMINISTERS A PROGRAM OF GRANTS AND FELLOWSHIPS TO SUPPORT RESEARCH ON RARE DISEASES FUNDED BY CONTRIBUTIONS FROM THE PUBLIC, PATIENTS AND THEIR FAMILIES, AND PATIENT ORGANIZATIONS. EXPENSES \$ 477,486. INCLUDING GRANTS OF \$ 339,200. REVENUE \$ 0. FORM 990, PART VI, SECTION B, LINE 11B: THE 990 IS REVIEWED BY THE VP OF FINANCE, CFO, CEO, TREASURER, FINANCE COMMITTEE, EXECUTIVE COMMITTEE AND CHAIRPERSON OF THE AUDIT COMMITTEE PRIOR TO FILING. FORM 990, PART VI, SECTION B, LINE 12C: THE BOARD OF DIRECTORS IS REQUIRED TO COMPLETE AN ANNUAL REVIEW OF THE ORGANIZATION'S CONFLICT OF INTEREST POLICY. THE BOARD IS ALSO REQUIRED TO ANNUALLY SIGN OFF AS TO ANY KNOWN CONFLICTS THAT EXIST.

Schedule O (Form 990 or 990-EZ) (2016)	Page 2
Name of the organization NATIONAL ORGANIZATION FOR RARE	Employer identification number
DISORDERS, INC.	13-3223946
THE BOARD OF DIRECTORS REVIEWS EXTERNAL MARKET SURVEYS, DOL, BLS, AND	
ACCOUNTEMP SURVEYS FOR DECISIONS ON THE EXECUTIVE DIRECTOR COMPENSATION.	
THERE IS ALSO A SALARY ADMINISTRATION PLAN THAT TAKES INTO CONSIDERATION	
GEOGRAPHIC SETTINGS, SKILLS, AND EDUCATION.	
FORM 990, PART VI, LINE 17, LIST OF STATES RECEIVING COPY OF FORM 990:	
CT,NY,AL,CA,FL,GA,IL,IN,KS,KY,MA,MD,MI,MN,MS,NC,NH,NJ,NM,OK,OR,PA,RI,SC,TN	
UT, VA, WI, WV, AR, HI	
FORM 990, PART VI, SECTION C, LINE 19:	
GOVERNING DOCUMENTS ARE MADE AVAILABLE UPON REQUEST.	
FORM 990, PART XII, LINE 2C:	
THE BOARD OF DIRECTORS ASSUMES RESPONSIBILITY FOR OVERSIGHT OF THE	
AUDIT OF IT'S FINANCIAL STATEMENTS AND SELECTION OF AN INDEPENDENT	
ACCOUNTANT.	

Form **8868**

(Rev. January 2017)

Department of the Treasury Internal Revenue Service

Application for Automatic Extension of Time To File an Exempt Organization Return

File a separate application for each return.

▶ Information about Form 8868 and its instructions is at www.irs.gov/form8868 .

OMB No. 1545-1709

Electronic filing (e-file). You can electronically file Form 8868 to request a 6-month automatic extension of time to file any of the forms listed below with the exception of Form 8870, Information Return for Transfers Associated With Certain Personal Benefit Contracts, for which an extension request must be sent to the IRS in paper format (see instructions). For more details on the electronic filing of this form, visit www.irs.gov/efile, click on Charities & Non-Profits, and click on e-file for Charities and Non-Profits.

Automatic 6-Month Extension of Time. Only submit original (no copies needed). All corporations required to file an income tax return other than Form 990-T (including 1120-C filers), partnerships, REMICs, and trusts must use Form 7004 to request an extension of time to file income tax returns. Enter filer's identifying number Type or Name of exempt organization or other filer, see instructions. Employer identification number (EIN) or NATIONAL ORGANIZATION FOR RARE print DISORDERS, INC. 13-3223946 File by the Number, street, and room or suite no. If a P.O. box, see instructions. Social security number (SSN) due date for filing your 1900 CROWN COLONY DRIVE, 3RD FLOOR instructions City, town or post office, state, and ZIP code. For a foreign address, see instructions. QUINCY, MA 02169 Enter the Return Code for the return that this application is for (file a separate application for each return) 0 l 1 Return Application Application Return Is For Code Is For Code Form 990-T (corporation) Form 990 or Form 990-EZ 01 07 Form 990-BL 02 Form 1041-A 80 Form 4720 (individual) 03 Form 4720 (other than individual) 09 Form 990-PF Form 5227 10 04 Form 990-T (sec. 401(a) or 408(a) trust) 05 Form 6069 11 Form 990-T (trust other than above) 06 Form 8870 12 VINCENT MURPHY The books are in the care of > 1900 CROWN COLONY DRIVE, 3RD FLOOR - QUINCY, MA 02169 Telephone No. ► 617-249-7300 Fax No. If the organization does not have an office or place of business in the United States, check this box If this is for a Group Return, enter the organization's four digit Group Exemption Number (GEN) . If this is for the whole group, check this . If it is for part of the group, check this box 🕨 🔛 and attach a list with the names and EINs of all members the extension is for. I request an automatic 6-month extension of time until NOVEMBER 15, 2017 , to file the exempt organization return for the organization named above. The extension is for the organization's return for: ► X calendar year 2016 or ___ tax year beginning , and ending If the tax year entered in line 1 is for less than 12 months, check reason: Initial return Final return Change in accounting period

Caution: If you are going to make an electronic funds withdrawal (direct debit) with this Form 8868, see Form 8453-EO and Form 8879-EO for payment instructions.

LHA For Privacy Act and Paperwork Reduction Act Notice, see instructions.

by using EFTPS (Electronic Federal Tax Payment System). See instructions.

nonrefundable credits. See instructions.

If this application is for Forms 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any

If this application is for Forms 990-PF, 990-T, 4720, or 6069, enter any refundable credits and

Balance due. Subtract line 3b from line 3a. Include your payment with this form, if required.

estimated tax payments made. Include any prior year overpayment allowed as a credit.

Form **8868** (Rev. 1-2017)

3a | \$

3b

3c

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