

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US13/37996
0-2	International Filing Date	24 APRIL 2013 24-04-2013
0-3	Name of receiving Office and "PCT International Application"	PCT International Application RO/US
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY/EFS-Web mode] Version 3.51.057.233 MT/FOP 20130101/0.20.5.20
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	043214071761
I	Title of Invention	GENERATING PLURIPOTENT CELLS DE NOVO
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
II-5	Address	75 Francis Street Boston, Massachusetts 02115 United States of America
II-6	State of nationality	US
II-7	State of residence	US
III-1	Applicant and/or inventor	
III-1-1	This person is	Applicant only
III-1-2	Applicant for	All designated States
III-1-4	Name	RIKEN
III-1-5	Address	2-1, Hirosewa, Wako-Shi, Saitama, 351-0198 Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP

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III-2	Applicant and/or inventor	
III-2-1	This person is	Applicant only
III-2-2	Applicant for	All designated States
III-2-4	Name	TOKYO WOMEN'S MEDICAL UNIVERSITY
III-2-5	Address	8-1, Kawada-cho, Shinjuku-ku, Tokyo, 162-8666 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	
III-3-4	Name (LAST, First)	VACANTI, Charles A.
III-3-5	Address	355 Pond Street Uxbridge, Massachusetts 01569 United States of America
III-4	Applicant and/or inventor	
III-4-1	This person is	Inventor only
III-4-3	Inventor for	
III-4-4	Name (LAST, First)	VACANTI, Martin P.
III-4-5	Address	2220 Westchester Drive #6 Manhattan, Kansas 66503 United States of America
III-5	Applicant and/or inventor	
III-5-1	This person is	Inventor only
III-5-3	Inventor for	
III-5-4	Name (LAST, First)	KOJIMA, Koji
III-5-5	Address	50 Longwood Avenue #414 Brookline, Massachusetts 02446 United States of America
III-6	Applicant and/or inventor	
III-6-1	This person is	Inventor only
III-6-3	Inventor for	
III-6-4	Name (LAST, First)	OBOOKATA, Haruko
III-6-5	Address	c/o RIKEN 2-1, Hirosawa, Wako-shi, Saitama, 351-0198 Japan
III-7	Applicant and/or inventor	
III-7-1	This person is	Inventor only
III-7-3	Inventor for	
III-7-4	Name (LAST, First)	WAKAYAMA, Teruhiko
III-7-5	Address	c/o RIKEN 2-1, Hirosawa, Wako-shi, Saitama, 351-0198 Japan

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III-8	Applicant and/or inventor	
III-8-1	This person is	Inventor only
III-8-3	Inventor for	
III-8-4	Name (LAST, First)	SASAI, Yoshiki
III-8-5	Address	c/o RIKEN 2-1, Hirose, Wako-shi, Saitama, 351-0198 Japan
III-9	Applicant and/or inventor	
III-9-1	This person is	Inventor only
III-9-3	Inventor for	
III-9-4	Name (LAST, First)	YAMATO, Masayuki
III-9-5	Address	c/o Tokyo Women's Medical University 8-1, Kawada-cho, Shinjuku-ku, Tokyo, 162-8666 Japan
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	RESNICK, David
IV-1-2	Address	Nixon Peabody LLP 100 Summer Street Boston, Massachusetts 02110-2131 United States of America
IV-1-3	Telephone No.	617-345-1000
IV-1-4	Facsimile No.	617-345-1300
IV-1-5	e-mail	bostonpatent@nixonpeabody.com
IV-1-5(a)	E-mail authorization) The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	as advance copies followed by paper notifications
IV-1-6	Agent's registration No.	34235
IV-2	Additional agent(s)	
IV-2-1	Name(s)	additional agent(s) with same address as first named agent EISENSTEIN, Ronald(30628); FITZGERALD, Mark(45928); KARTTUNEN CONTARINO, Leena(60335); BENN, Susanna(63611); HUFF, Shayne(44784); MILLS, Tari(61593); CROSBY, David(36400); PTASHKA, Teresa(69580); TSE, Janet(69953); SUMMERFORD, Candace(58109)

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V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	24 April 2012 (24.04.2012)
VI-1-2	Number	61/637, 631
VI-1-3	Country	US
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	13 March 2013 (13.03.2013)
VI-2-2	Number	61/779, 533
VI-2-3	Country	US
VI-3	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1 VI-2
VI-4	Incorporation by reference :	
	where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.	
VII-1	International Searching Authority Chosen	Federal Service for Intellectual Property (Rospatent) (Russian Federation) (ISA/RU)

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	6	✓
IX-2	Description	88	—
IX-3	Claims	5	—
IX-4	Abstract	1	✓
IX-5	Drawings	37	—
IX-7	TOTAL	137	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-20	Figure of the drawings which should accompany the abstract	5A	
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/David S. RESNICK, Reg. No. 34,235/	
X-1-1	Name (LAST, First)	RESNICK, David	
X-1-2	Name of signatory		
X-1-3	Capacity (if such capacity is not obvious from reading the request)		

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10-1	Date of actual receipt of the purported international application	24 APRIL 2013	24-04-2013
10-2	Drawings:		
10-2-1	Received		
10-2-2	Not received		
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application		
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		
10-5	International Searching Authority	ISA/RU	
10-6	Transmittal of search copy delayed until search fee is paid		

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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