

Curriculum Vitae

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Name Haruko Obokata

Education

2002. 4-2006. 3 Department of Applied Chemistry, School of Science and Engineering, Waseda University, Tokyo, Japan (BSc, Engineering)
2006. 4-2008. 3 Department of Applied Chemistry, Graduate school of Science and Engineering, Waseda University, Tokyo, Japan (M.S. Engineering)
2008. 4-2011. 3 Department of life Science and Medical Bioscience, Graduate School of Advanced Science and Engineering, Waseda university, Tokyo, Japan (Ph.D, Engineering)
2008. 9-2009. 8 Brigham and Women's Hospital/Harvard medical school, Laboratory for Tissue engineering and Regenerative Medicine.

Research, Teaching, and Clinical Contribution

2008. 4-2011. 3 JSPS Research Fellow (DC1), Japan Society for Promotion of Science
- 2009.3-2009. 8 Brigham and Women's Hospital Research Fellow

Bibliography

Original Papers

1. Haruko Obokata, Masayuki Yamato, Kohji Nishida, Satoshi Tsuneda, and Teruo Okano, "Subcutaneous transplantation of autologous oral mucosal epithelial cell sheets fabricated on temperature-responsive culture dishes", Journal of Biomedical Materials Research: A 2008 86:1088-96.
2. Yoshiteru Aoi, Tomoyuki Kinoshita, Toru Hata, Ohta Hiroaki, Haruko Obokata, Satoshi Tsuneda, "Hollow-fiber membrane chamber as a device for in situ environmental cultivation." Appl Environ Microbiol. 2009 ;75(11):3826-33.

3. Haruko Obokata, Koji Kojima, Karen Westerman, Masayuki Yamato, Satoshi Tsuneda, Teruo Okano, Charles A. Vacanti, "The potential of stem cells in adult tissues representative of the three germ layers."

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4. Rogerio P. Pirraco, Haruko Obokata, Takanori Iwata, Alexandra P. Marques, Satoshi Tsuneda, Masayuki Yamato, Rui L Reis, Teruo Okano "Development of Osteogenic Cell Sheets for Bone Tissue Engineering Application"

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Book

Haruko Obokata, Masayuki Yamato, Fundamentals of Biomaterials "Growth Factors" Publishers Inc. NIHON IGAKUKAN 2010

Patent

Haruko Obokata, Charles A. Vacanti.

Sub Population of Retained Embryonic Like Cells

Conference Abstract (selected)

1. Haruko Obokata, Masayuki Yamato, Kohji Nishida, Joseph Yang, Satoshi Tsuneda, and Teruo Okano, "Subcutaneous transplantation of autologous oral mucosal epithelial cell sheets fabricated on temperature-responsive culture dishes", Society for Biomaterials 2007 Annual Meeting, Society for Biomaterials 2007 Annual Meeting transactions of the 32nd annual meeting 70, Chicago, IL, April 17-21, 2007.

2. Haruko Obokata, Masayuki Yamato, Kohji Nishida, Joseph Yang, Satoshi Tsuneda, and Teruo Okano, "Analysis of ectopically transplanted tissue engineered oral mucosal epithelial cell sheet", The 2nd Meeting of the International Federation for Artificial Organs, Artificial Organs, Journal of Artificial Organ Volume 31 Number 10 A44, 2007, Osaka, October 28-31, 2007.

3. Haruko Obokata, Masayuki Yamato, Kohji Nishida, Joseph Yang, Satoshi Tsuneda, and Teruo Okano, " Time-course observation of ectopically transplanted tissue engineered oral mucosal epithelial cell sheets ", TERMIS-AP 2007 p 151, Tokyo, December 5, 2007.

4. Haruko Obokata, Masayuki Yamato, Kohji Nishida, Satoshi Tsuneda, and Teruo Okano, " Analyses of ectopically transplanted tissue engineered oral mucosal epithelial cell sheets ", The 1st

GCOE international symposium on Practical Chemical Wisdom p.47, Tokyo, December 19, 2007.

5. Koji Kojima, Shohta Kodama, Haruko Obokata, Ana C Paz, Charles A. Vacanti. "Generation of Pneumospheres from Pulmonary Stem Cells." Termis-NA, San Diego, December 7-10, 2008,

6. Haruko Obokata, Masayuki Yamato, Kohji Nishida, Satoshi Tsuneda, and Teruo Okano, "Subcutaneous Transplantation of Oral Mucosal Epithelial Cell Sheets Fabricated on Temperature-Responsive Culture Dishes", TERMIS-WC, Seoul, Korea, August 31- September 3, 2009

7. Haruko Obokata, Masayuki Yamato, Kohji Nishida, Satoshi Tsuneda, and Teruo Okano, "Inflammation Analyses after Subcutaneous Transplantation of Cell Sheets for a Novel Tissue Engineering Method", TERMIS-WC, Seoul, Korea, August 31- September 3, 2009

8. Koji Kojima, Haruko Obokata, Ana C Paz and Charles A. Vacanti. "Generation of Pneumospheres from Pulmonary Stem Cells." TERMIS-WC, Seoul, Korea, August 31- September 3, 2009

9. Haruko Obokata, Koji Kojima, Masayuki Yamato, Teruhiko Wakayama, Teruo Okano, Satoshi Tsuneda and Charles A. Vacanti, "The potential of stem cells in adult tissues representative of the three germ layers." TERMIS-NA, Orlando, December 5-9 2010

10. Koji Kojima, Haruko Obokata, Jason Ross and Charles A. Vacanti. "Autologous Tissue Engineered Trachea with Epithelial Cell Sheets in Ovine Model." TERMIS-NA, Orlando, December 5-9 2010

国内学会

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2. 小保方晴子、大和雅之、西田幸二、常田聡、岡野光夫、「温度応答性培養皿で作製した口腔粘膜上皮細胞シートの皮下移植」、第7回日本再生医療学会総会、名古屋、2008年3月14日

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5. 小保方晴子、小島宏司、大和雅之、若山照彦、常田聡、岡野光夫、Charles A. Vacanti、「三胚葉由来組織に共通した成体幹細胞の探索」、第10回日本再生医療学会総会、東京、2011年3月1日-2日