

Aug. 28th, 2019

CURRICULUM VITAE

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PLACE OF BIRTH Himeji city, Hyogo, Japan
BIRTHDAY Jul 16 .1977
CITIZENSHIP Japan

EDUCATION

2000.3 Fukuyama University, Department of Biotechnology
2002.3 Graduate school of Engineering, Faculty of Life Science and
 Biotechnology, Fukuyama University,

DEGREES M.S. in Graduate school of Engineering, Life Science and Biotechnology

PRESENT POSITION

Regulatory Science
Division of Medical Innovation
Institute of Medical Research and Innovation
Project Manager
Translational Research Center for Medical Innovation,
Foundation for Biomedical Research and Innovation at Kobe,

CAREER HISTORY

2018.04 Regulatory Science
Division of Medical Innovation
Institute of Medical Research and Innovation
Project Manager
Translational Research Center for Medical Innovation,
Foundation for Biomedical Research and Innovation at Kobe,

2017.04 Division of Global Affairs,
Global Science Development group,
Division of Medical Innovation,
Regulatory Development group
Translational Research Informatics Center,
Foundation for Biomedical Research and Innovation,

2015.11 Dept. of Project Management, Global Management group, Study
Management group, Translational Research Informatics Center,
Foundation for Biomedical Research and Innovation,

2014.1 Dept. of project Management Group, Dept. of Clinical Operations
Translational Research Informatics Center, Foundation for Biomedical
Research and Innovation

2013.4 Global Research Management Group, Dept. of Global Research &
Promotion,/Study Management Group, Dept. of Clinical Operations
Translational Research Informatics Center, Foundation for Biomedical
Research and Innovation

2012.4 Seeds Assessment & Cultivation Group, Project management Group,
Translational Research Informatics Center, Foundation for Biomedical
Research and Innovation,

2010.4 Project manager, Coordinator of Cell processing Centre, Regeneration
therapy support Group, Pro-cluster Kobe, The Ministry of Education,
Culture, Sports, Science and Technology promoted the “Coordination,
Support and Training Program for Translational Research, Foundation
for Biomedical Research and Innovation.

2007.11 Coordinator of Cell Processing Centre, Dep. of Research, The
Ministry of Education, Culture, Sports, Science and Technology
promoted the “Coordination, Support and Training Program for
Translational Research, Foundation for Biomedical Research and
Innovation.

2005.10 Innovation.

2003.4 Dep. of Cell manufacturing, Research & Development Stem cell
Science KK
Torii project, Plaza Tokai, Japan Science and Technology Agency
2002.4 (Now changed organization name)
Yamahiro Ltd.

FIELDS OF SPECIALIZATION

Project management (Spinal cord injury therapy, tympanic membrane regeneration)
Cell culture, Coordination of Cell processing Center

PROFESSIONAL ASSOCIATION

The Japanese Society for Regenerative Medicine,

RESEARCH INTERESTS:

1. Regenerative Therapy (bone, adipose, cartilage, tympanic membrane, spinal cord, residual ridge, liver).
2. Management of Cell processing Centre
3. biological evaluation
4. Children's sleep

1. STRATEGY FOR REGENERATION OF CHRONIC TYMPANIC MEMBRANE PERFORATION WITH CHOLESTEATOMA TUMOR OR SEVERE CALCIFICATION. Kanemaru SI, Kanai R, Yoshida M, Kitada Y, Omae K, Hirano S. *Otol Neurotol*. 2018 Dec;39(10):1340-1341. doi: 10.1097/MAO.0000000000002037.
2. Application of Regenerative Treatment for Tympanic Membrane Perforation With Cholesteatoma, Tumor, or Severe Calcification. Kanemaru SI, Kanai R, Yoshida M, Kitada Y, Omae K, Hirano S. *Otol Neurotol*. 2018 Apr;39(4):438-444.
3. Age-specific characterization of spinal cord injuries over a 19-year period at a Japanese rehabilitation center. Toda M, Nakatani E, Omae K, Fukushima M, Chin T. *PLoS One*. 2018 Mar 29;13(3):e0195120. doi: 10.1371/journal.pone.0195120. eCollection 2018.
4. Regenerative treatment for tympanic membrane perforation using gelatin sponge with basic fibroblast growth factor. Omae K, Kanemaru SI, Nakatani E, Kaneda H, Nishimura T, Tona R, Naito Y, Kawamoto A, Fukushima M. *Auris Nasus Larynx*. 2017 Dec;44(6):664-671.
5. Novel regenerative treatment for the tympanic membrane. Shin-ichi Kanemaru, Kaoru Omae & Masanori Fukushima. *Nature Outline* 22 June 2017, *Nature* ISSN 1476-4687 (online) <http://www.nature.com/collections/rzfrydkflp/sponsors>
6. Bone marrow-derived mononuclear cell transplantation in spinal cord injury patients by lumbar puncture. Suzuki Y, Ishikawa N, Omae K, Hirai T, Ohnishi K, Nakano N, Nishida H, Nakatani T, Fukushima M, Ide C. *Restor Neurol Neurosci*. 2014;32(4):473-82.
7. Novel culture system of mesenchymal stromal cells from human subcutaneous adipose tissue. Iwashima S, Ozaki T, Maruyama S, Saka Y, Kobori M, Omae K, Yamaguchi H, Niimi T, Toriyama K, Kamei Y, Torii S, Murohara T, Yuzawa Y, Kitagawa Y, Matsuo S. *Stem Cells Dev*. 2009 May;18(4):533-43.
8. Differential effect of green tea catechins on three endothelial cell clones isolated from rat adipose tissue and on human umbilical vein endothelial cells. Kopal AT, Yamaguchi H, Omae K, Torii S, Kitagawa Y. *Cytotechnology*. 2004 Sep;46(1):25-36. doi: 10.1007/s10616-005-1477-4. Epub 2005 Jun 16.
9. The fifth gene of the iol operon of *Bacillus subtilis*, iolE, encodes 2-keto-myoinositol dehydratase. Yoshida K, Yamaguchi M, Ikeda H, Omae K, Tsurusaki K, Fujita Y. *Microbiology*. 2004 Mar;150(Pt 3):571-80.
10. Identification of two myoinositol transporter genes of *Bacillus subtilis*. Yoshida K, Yamamoto Y, Omae K, Yamamoto M, Fujita Y. *J Bacteriol*. 2002 Feb;184(4):983-91.