

**The 12th Annual Meeting of
the Japanese Association of Regenerative Dentistry**

26 August 2014

**Fujii Memorial Institute of Medical Sciences,
The University of Tokushima**

President at the Meeting

Prof. Tetsuo ICHIKAWA

The 12th Annual Meeting of the Japanese Association of Regenerative Dentistry Program and Abstracts

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Slow freezing of mouse iPS cells using the cryopreservation solution based on anti-freeze poly ampholyte

○ Fuki Yamamoto¹, Fei Gao², Akemi Ota^{2,4}, Yuki Gen², Kazuaki Matsumura³, Shoichiro Sumi⁴ and Suong-Hyu Hyon¹

(¹Kyoto Institute of Technology, ²BioVerde Inc., ³Japan Advanced Institute of Science and Technology, ⁴Institute for Frontier Medical Sciences, Kyoto University)

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A possibility of biomedical application in natural apatite

○Hiroyuki Mishima¹, Yasuo Miake² and Atsushi Okubo³

(¹Department of Medical Hygiene, Dental Hygiene Course, Kochi Gakuen College, ²Department of Histology and Developmental Biology, Tokyo Dental College, ³Hui Dental Academy)

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Newly developed bioactive cement

○Shuichi Ito and Takashi Saito

(Division of Clinical Cariology and Endodontology, Department of Oral Rehabilitation, School of Dentistry, Health Sciences University of Hokkaido)

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Generation of iPS cell from human gingiva tissue with episomal vector

○Yasuyuki Umezaki¹, Yamamoto Takako², Naoki Nishishita², Shin Kawamata², Yoshitomo Honda³, Yoshiya Hashimoto⁴, Takahiro kashiwagi¹, Rie Terauchi¹, Naoya Uemura¹, Korenori Arai¹, Shunsuke Baba¹ and Takayoshi Kawazoe¹

(¹Department of Oral Implantology, Osaka Dental University, ² Research and Development Center for Cell Therapy, Foundation for Biomedical Research and Innovation, ³ Institute of Dental Research, Osaka Dental University, ⁴ Department of Biomaterials, Osaka Dental University)

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Development of fibronectin and collagen coating of poly(lactic acid- ϵ -caprolactone) film

○Megumi Fuse¹, Tohru Hayakawa² and Masahiko Fukumoto¹

(¹Department of Laboratory Medicine for Dentistry, Nihon University School of Dentistry at Matsudo, ²Department of Dental Engineering, Tsurumi University School of Dental Medicine)

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Interaction effect between host-MSCs from model mouse with and without BRONJ

○Yuri Matsuura, Ikiru Atsuta, Yasunori Ayukawa, Akira Takahashi, Ryosuke Kondo and Kiyoshi Koyano

(Section of Implant and Rehabilitative Dentistry, Division of Oral Rehabilitation, Faculty of Dental Science, Kyushu University)

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Induction of ES cells from human adipose-derived stem cells

- Epigenetic control and initialization of the cells -

○Shunji Izawa, Kozo Yamaji, Tomohiro Hoshika, Yoshihiro Nishitani and Masahiro Yoshiyama

(Department of Operative Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences)

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Influence of fluvastatin local administration on osteogenesis in senile osteoporosis model rats

○Masao Yoshinari, Hiromitsu Yasuda, Koji Tanabe and Tadashi Miura

(Oral Health Science Center, Tokyo Dental College)

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TNF- α Induced Reprogramming of Human Dental Pulp Cells

○Ueda M¹, Fujisawa T², Ono M², Hara ES², Pham HT², Sonoyama W², Kuboki T² and Matsuka Y³

(¹Department of Stomatognathic Function and Occlusal Reconstruction, The University of Tokushima, ²Department of Rehabilitation and Regenerative Medicine, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences)

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Aging of the adhesive strength of the core resin and curing softening re-root canal dentin by nano-hydroxyapatite

○Kukuchi Nobuyuki, Kanayama Yu, Makimura Hideki and Wada Moriyasu
(Department of Renascent Dentistry Nihon University School of Dentistry at Matsudo)

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In vitro embryotoxicity of silver-palladium-gold alloy composition using three-dimensional scaffolds

○Tsubasa Shirai¹, Koichi Imai¹ and Masahiro Okada²
(¹Department of Biomaterials, Osaka Dental University, ²Department of Biomaterials, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University)

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An Attempt to *in vitro* embryotoxicity test by ES cells with two type feeder cells derived from the oviduct or uterus

○Koichi Imai¹, Tsubasa Shirai¹, Yoshitomo Honda² and Hiromasa Takashima³
(¹Department of Biomaterials, Osaka Dental University, ²Institute of Dental Research, Osaka Dental University, ³Ina Research Inc.)

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Abnormal myocardial contraction rhythm in teratoma by embryonic stem cells with 3D culture system in the MWCNTs

○Koichi Imai¹, Tsubasa Shirai¹, Yoshitomo Honda², Fumio Watari³, and Hiromasa Takashima⁴
(¹Department of Biomaterials, Osaka Dental University, ²Institute of Dental Research, Osaka Dental University, ³Hokkaido University, ⁴Ina Research Inc.)

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Periodontal tissue regeneration using new barrier membranes and adipose tissue derived mesenchymal stem cell

○Yu Kanayama, Hideki Makimura, Nobuyuki Kikuchi and Moriyasu Wada
(Department of Renascent Dentistry, Nihon University School of Dentistry at Matsudo)

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The possibility of iPS cell generation from oral mucosa with Glis1

○Takahiro Kashiwagi¹, Yamamoto Takako², Naoki Nishishita², Shin Kawamata², Yoshitomo Honda³, Yoshiya Hashimoto⁴, Yasuyuki Umezaki¹, Rie Terauchi¹, Naoya Uemura¹, Korenori Arai¹, Shunsuke Baba¹ and Takayoshi Kawazoe¹

(¹ Department of Oral Implantology, Osaka Dental University, ² Research and Development Center for Cell Therapy, Foundation for Biomedical Research and Innovation, ³ Institute of Dental Research, Osaka Dental University, ⁴ Department of Biomaterials, Osaka Dental University)

**The 13th Annual Meeting of the
Japanese Association of Regenerative Dentistry (JARD)**

Date : Aug. 29 (Saturday), 2015

Venue: School of Life Dentistry at Niigata, The Nippon Dental University

President at the Meeting: Prof. Masaru IGARASHI
(School of Life Dentistry at Niigata, The Nippon Dental University)



History of Annual Meeting

The 12th Annual Meeting of the Japanese Association of Regenerative Dentistry
Date : Aug. 26 (Tuesday), 2014
Venue: Fujii Memorial Institute of Medical Sciences,
The University of Tokushima
President at the Meeting: Prof. Tetsuo ICHIKAWA
(The University of Tokushima)

The 11st Annual Meeting of the Japanese Association of Regenerative Dentistry
Date : Aug. 31 (Saturday), 2013
Venue: Science and Technology Historical Center (CST MUSEUM),
Surugadai Campus, Nihon Univ.
President at the Meeting: Prof. Moriyasu WADA
(Nihon University)

The 10th Annual Meeting of the Japanese Association of Regenerative Dentistry
Date : September 1 (Sat)- 2 (Sun), 2012
Venue: Nichii Gakkan Kobe Port Island Center
President at the Meeting: Prof. Masahiro YOSHIYAMA
(Okayama University)

The 9th Annual Meeting of Japanese Association of Regenerative Dentistry
Date : Sep. 9 (Friday) - 10 (Saturday), 2011
Venue: Osaka International Convention Center (Grand Cube Osaka)
President at the Meeting: Prof. Takashi IKEO
(Osaka Dental University)

The 8th Annual Meeting of Japanese Association of Regenerative Dentistry
Date : Oct. 29 (Friday) - 30 (Saturday), 2010
Venue: Aichi Gakuin Univ., Nagoya
President at the Meeting: Prof. Tatsushi KADWAI
(Aichi Gakuin University)

The 7th Annual Meeting of Japanese Association of Regenerative Dentistry
Date : September 11 (Friday) - 22 (Saturday), 2009
Venue: Kyushu Dental College
President at the Meeting: Prof. Masamichi TERASHITA
(Kyushu Dental College)

The 6th Annual Meeting of Japanese Association of Regenerative Dentistry
Date: September 12 (Friday) - 23 (Saturday), 2008
Venue: The Nippon Dental University, Kudan Hall
President at the Meeting: Prof. Tazuko SATOH
(The Nippon Dental University, School of Life Dentistry at Tokyo)

The 5th Annual Meeting of Japanese Association of Regenerative Dentistry
Date: September 22-23, 2007
Venue: Suidobashi, Tokyo Dental College
President at the Meeting: Prof. Takashi INOUE
(Tokyo Dental College)

The 4th Annual Meeting of Japanese Association of Regenerative Dentistry
Date: September 9-10, 2006
Venue: Osaka Merchandise Mart (OMM)
President at the Meeting: Prof. Hisao IMAI
(Osaka Dental University)

The 3rd Annual Meeting of Japanese Association of Regenerative Dentistry
Date: September 3, 2005
Venue: Tokyo Medical and Dental University
President at the Meeting: Prof. Shohei KASUGAI
(Tokyo Medical and Dental University)

The 2nd Annual Meeting of Japanese Association of Regenerative Dentistry
Date: September 3, 2004
Venue: Hokkaido Dental Association Hall (Sapporo)
President at the Meeting: Prof. Takashi SAITO
(Health Sciences University of Hokkaido)

The 1st Annual Meeting of Japanese Association of Regenerative Dentistry
Date: October 14, 2003
Venue: Okayama University
President at the Meeting: Prof. Masahiro YOSHIYAMA
(Okayama University)

Preparation meeting of JARD establishment
Date: June 12, 2002
Venue: Okayama University
President at the Meeting: Prof. Masahiro YOSHIYAMA
(Okayama University)

History of Symposium

Seventh Symposium of the Japanese Association of Regenerative Dentistry

Date : February 16, 2013 (Saturday) Time:13:00-17:00

Venue: 3F Meeting Room, AIM Building, West Japan General Exhibition Center,
Kokura, Kyushu

President at the Meeting: Prof. Masamichi TERASHITA
(Kyushu Dental College, School of Dentistry)

Sixth Symposium of the Japanese Association of Regenerative Dentistry

Date : October 7, 2012 (Sunday) Time:13:00-17:00

Venue: Tokachi Dentist Hall (Obihiro, Hokkaido)

President at the Meeting: Prof. Takashi SAITO
(Health Sciences University of Hokkaido)

Fifth Symposium of the Japanese Association of Regenerative Dentistry

Date : December 11, 2011 (Sunday) Time:13:30-17:00

Venue: Main Hall (1BF), Tsurumi University (Tsurumi, Kanagawa)

President at the Meeting: Prof. Kazuhito SATOMURA
(Tsurumi University, Department of Oral Medicine)

Fourth Symposium of the Japanese Association of Regenerative Dentistry
Co-sponsored by Tokyo Medical and Dental University Global COE Program
"Surface Modification and Design of Dental Implant"

Date : February 11, 2010 (Thursday) 9:00-17:00

Venue: Tokyo Medical and Dental University Dental Hospital (4F Auditorium), Tokyo

President at the Meeting: Prof. Shohei KASUGAI
(Oral Implantology and Regenerative Dental Medicine,
Tokyo Medical and Dental University)

Third Symposium of the Japanese Association of Regenerative Dentistry

Date : July 11, 2008 Time:13:00-17:00

Venue: Icho Kaikan, Osaka University, Suita Campus

Icho Kaikan (Third floor Hankyu-Sanwa Hall), Osaka

President at the Meeting: Prof. Shinya MURAKAMI
(Osaka University Graduate School, Division of Dental Research)

Second Symposium of the Japanese Association of Regenerative Dentistry
Date : April 12, 2007 Time:13:00-17:00
Venue: Collaboration Station 2F Audiovisual Hall, Kyushu University, Fukuoka,
Kyushu
President at the Meeting: Prof. Kunio ISHIKAWA
(Department of Dental Science , Faculty of Dental Science, Kyushu University)

First Symposium of the Japanese Association of Regenerative Dentistry
Date : February 26 (Sunday), 2006 Time:13:15-17:00
Venue: 5th floor roof terrace room, East Building, Institute for Frontier Medical
Sciences, Kyoto University, Kyoto
President at the Meeting: Prof. Sadami TSUTSUMI
(Kyoto University)