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Design of culture substrates for large-scale expansion of neural stem cells: Konagaya S., Kato K., Nakaji-Hirabayashi T., Iwata H.: *Biomaterials*, 32 (4), 992-1001, 2011.

Enhanced proliferation of neural stem cells in a collagen hydrogel incorporating engineered epidermal growth factor: Egawa E. Y., Kato K., Hiraoka M., Nakaji-Hirabayashi T., Iwata H.: *Biomaterials*, 32 (21), 4737-4743, 2011.

Array-based functional screening of growth factors toward optimizing neural stem cell microenvironments: Konagaya S., Kato K., Nakaji-Hirabayashi T., Arima Y., Iwata H.: *Biomaterials*, 32 (22), 5015-5022, 2011.



60 2011.

138 2011.

iPS /

33 2011.

Modulation of neural stem cells on culture substrates with surface-anchored growth factors: Kato K., Konagaya S., Nakaji-Hirabayashi T., Iwata H.: 2011 Annual Meeting of Formosa Association of Regenerative Medicine (Taipei), 2011.

84

2011.

23 2011.

2011.

10 ,

54 2011.

11

3 2011.

12 *Candida albicans*

23

2011.

13 Disinfection of dental stone casts: Effect on surface morphology: Nishikiori R., Watanabe K., Nomura Y., Hirata I., Sawajiri M., Okazaki M.: International Dental Materials Congress 2011 (Seoul), 2011.

14 : 1

20

2011.

- 15 Calcium phosphate nucleation ability on the titanium surface modification via alkylphosphonic acid with carboxyl group: Wu J., Hirata I., Zhao X., Okazaki M.: International Dental Materials Congress 2011 (Seoul), 2011.
- 16 Calcium phosphate nucleation ability on titanium surface influenced by alkyl chain length of phosphate self-assembled monolayers: Wu J., Hirata I., Nagaoka N., Yoshida Y., Zhao X., Okazaki M.: 3rd International Symposium on Surface and Interface of Biomaterials (Sapporo), 2011.
- 17 Calcium phosphate nucleation ability on the titanium surface modification by self assembled monolayers: Wu J., Hirata I., Zhao X., Okazaki M., Koichi K.: 4th Hiroshima Conference (Hiroshima), 2011.
- 18 Newly developed carbonate apatite-chitosan scaffold for in vitro bone tissue engineering: Ariani MD., Matsuura A., Hirata I., Kuto T., Okazaki M., Akagawa Y.: 4th Hiroshima Conference (Hiroshima), 2011.
- 19 Tania  
Saskianti 95  
2011.
- 20 Bone formation ability of carbonate apatite-collagen sponge with some cytokines: Ariani MD., Matsuura A., Hirata I., Kubo T., Okazaki M., Akagawa Y.: 2nd Joint Scientific Meeting in Dentistry (Surabaya), 2011.
- 21 - Maretaningtias Dwi Ariani  
, 41 2011.
- 22 The cell viability on newly developed carbonate apatite-chitosan sponges: Maretaningtias Dwi Ariani  
23 2011.

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AS231Z04602F 1,700

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1: DEC1 DEC2

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3

A

- 1: Mesenchymal stem cell-induced cranial suture-like gap in rats.: Kaku M, Tai M, Kawata T, Fujita T, Motokawa M, Ohtani J, Sakai Y, Kato Y, Tanne K.: *Plast Reconstr Surg*. 2011 Jan;127(1):69-77.
- 2: Basic helix-loop-helix transcription factors DEC1 and DEC2 regulate the paclitaxel-induced apoptotic pathway of MCF-7 human breast cancer cells.: Wu Y, Sato F, Bhawal UK, Kawamoto T, Fujimoto K, Noshiro M, Morohashi S, Kato Y, Kijima H.: *Int J Mol Med*. 2011 Apr;27(4):491-5.
- 3: Basic helix-loop-helix transcription factor DEC1 negatively regulates cyclin D1.: Bhawal UK, Sato F, Arakawa Y, Fujimoto K, Kawamoto T, Tanimoto K, Ito Y, Sasahira T, Sakurai T, Kobayashi M, Kashima I, Kijima H, Kuniyasu H, Abiko Y, Kato Y, Sato S. : *J Pathol*. 2011 Jul;224(3):420-9.
- 4: PERIOD1 (PER1) has anti-apoptotic effects, and PER3 has pro-apoptotic effects during cisplatin (CDDP) treatment in human gingival cancer CA9-22 cells. : Sato F, Wu Y, Bhawal UK, Liu Y, Imaizumi T, Morohashi S, Kato Y, Kijima H. : *Eur J Cancer*, 2011 Jul;47(11):1747-58.

- 5: Impact of Zinc Fingers and Homeoboxes 3 (ZHX3) on the Regulation of Mesenchymal Stem Cell Osteogenic Differentiation. : Suehiro F, Nishimura M, Kawamoto T, Kanawa M, Yoshizawa Y, Murata H, Kato Y. : Stem Cells Dev., Sep;20(9):1539-47,2011.
- 6: The effect of synthetic octacalcium phosphate in a collagen scaffold on the osteogenicity of mesenchymal stem cells.: Kawai T, Anada T, Masuda T, Honda Y, Sakai Y, Kato Y, Kamakura S, Echigo S, Suzuki O.: European Cells and Materials, 22,124-136,2011.
- 7: Feasibility and limitations of the round robin test for assessment of in vitro chondrogenesis evaluation protocol in a tissue-engineered medical product.: Yokoi M, Hattori K, Narikawa K, Ohgushi H, Tadokoro M, Hoshi K, Takato T, Myoui A, Nanno K, Kato Y, Kanawa M, Sugawara K, Kobo T, Ushida T.: J Tissue Eng Regen Med., Article first published online: 2 AUG 2011.

B

C

1

, 2011/04 . ISBN-10: 4758108412

D

E

- 1 Transcription factors regulating differentiation of MSC.: Kawamoto T, Kubo H, Iwata Y, Fujimoto K., Noshiro M., Kato Y.: 3<sup>rd</sup> International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Sciences 2011 1 28 30
- 2 Expression profiles of nuclear receptors and their functions in rat growth plate Chondrocytes.: Ozaki N., Noshiro M., Honda K., Hayashibara K., Kawamoto T., Fujimoto K., Tanne K., Kato Y.: 3<sup>rd</sup> International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Sciences 2011 1 28 30

3 Effect of conditioned medium derived from mouse ameloblast lineage cells on differentiation of human dental pulp cells.: Fujii S., Fujimoto K., Nishimura F., Kato Y.: 3<sup>rd</sup> International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Sciences 2011 1 28 30

4 Identification of HMGA2 and SIM2 interaction in MSC.: Saskianti T., Kawamoto T., Kato Y.: 3<sup>rd</sup> International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Sciences 2011 1 28 30

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6 DEC2 :  
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8 ROR DEC1,DEC2 :  
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2 DEC1 : :

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3 Serum-Free Cultures for Human Mesenchymal Stem Cells using Defined Culture Surfaces.: Yukio Kato: 1<sup>st</sup> Meeting of Surabaya Regenerative Medicine and Stem Cell Centre (SRMSC), 2<sup>nd</sup> Meeting of Indonesia Association of Tissue Bank (IATB), SYMPOSIUM, Sep.22-23, 2011, Surabaya, Indonesia

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Dr. Pratiwi Soesilawati (Airlangga Univ. Fac. Dent. Dept. Oral Biol.) (Sep 30 – Oct 13)

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07/

2. Emergence in Japan of an Imipenem-Susceptible Meropenem-Resistant *Klebsiella pneumoniae* (ISMRK) carrying *bla*<sub>IMP-6</sub>. Norifumi Shigemoto, Ryuichi Kuwahara, Shizuo Kayama, Wataru Shimizu, Makoto Onodera, Michiya Yokozaki, Junzo Hisatsune, Fuminori Kato, Hiroki Ohge, Motoyuki Sugai. *Diagnostic Microbiology and Infectious Disease* 72, 109-112, 2012.
3. Expressions of virulence factors in *Staphylococcus aureus* grown in serum. Yuichi Oogai, Miki Matsuo, Masahito Hashimoto, Fuminori Kato, Motoyuki Sugai, and Hitoshi Komatsuzawa. *Applied and Environmental Microbiology* 77, 8097-8105, 2011
4. A simple method of markerless gene deletion in *Staphylococcus aureus*. Fuminori Kato and Motoyuki Sugai. *Journal of Microbiological Methods* 87: 76-81, 2011
5. Bacitracin sensing and resistance in *Staphylococcus aureus*. Yuuma Yoshida, Miki Matsuo, Yuichi Oogai, Fuminori Kato, Norifumi Nakamura, Motoyuki Sugai, Hitoshi Komatsuzawa. *FEMS Microbiol Lett* 320:33-39, 2011
6. Sporadic isolation of a multi-drug resistant *Pseudomonas aeruginosa* clone during a 14 month epidemic in a general hospital in Hiroshima. Shuntaro Kouda, Yoshihiro Fujiue, Yaeko Watanabe, Masaru Ohara, Shizuo Kayama, Fuminori Kato, Junzo Hisatsune, Keiko Tsuruda, Akio Matsubara, Masao Doi, Masao Kuwabara, Motoyuki Sugai. *Infection* 39:247-253, 2011
7. Growth-phase dependence of cell surface charge in *Staphylococcus aureus*. Miki Matsuo, Yuichi Oogai, Fuminori Kato, Motoyuki Sugai, Hitoshi Komatsuzawa. *Microbiology UK* 157: 1786-1797, 2011.
8. The regulatory mechanism for exfoliative toxin production in *Staphylococcus aureus*. Fuminori Kato, Noriko Kadomoto, Yuko Iwamoto, Katuaki Bunai, Hitoshi Komatsuzawa, Motoyuki Sugai. *Infection and Immunity* 79: 1660-1670, 2011
9. *Staphylococcus pseudintermedius* exfoliative toxin selectively digests canine desmoglein 1 and causes intraepidermal splitting resembling canine impetigo. Keita Iyori, Keiko Futagawa-Saito, Junzo Hisatsune, Masahiko Yamamoto, Maiko Sekiguchi, Kaori Ide, Won Geun, Thierry Olivry, Motoyuki Sugai, Tsuguaki Fukuyasu, Toshiroh Iwasaki, Koji Nishifuji. *Veterinary Dermatology* 22: 319-326, 2011
10. Identification and antimicrobial drug susceptibility of clinical *Staphylococcus* spp. Isolates from

canine superficial pyoderma at a primary veterinary hospital. Makiko Yamamoto, Hiroaki Fujimoto, Wataru Shimizu, Fuminori Kato, Junzo Hisatsune, Yusuke Ito, Takeo Minami, Motoyuki Sugai.

*Japanese Journal of Veterinary Dermatology* 17: 99-104, 2011

11. Topical application of *Aggregatibacter actinomycetemcomitans* CDT induces cell cycle arrest in the rat gingival epithelium *in vivo*. Masaru Ohara, Mutsumi Miyauchi, Keiko Tsuruda, Takashi Takata, Motoyuki Sugai. *Journal of Periodontal Research* 46, 389-395, 2011

12. Clonal distribution of enterotoxigenic *Staphylococcus aureus* on handles of shopping baskets in supermarkets. Emiri Mizumachi, Fuminori Kato, Junzo Hisatsune, Keiko Tsuruda, Yoshio Uehara, Hiromi Seo, Motoyuki Sugai. *Journal of Applied Microbiology* 110, 562-567, 2011.

13.

*The Japanese Journal of Antibiotics* 64, 97-108, 2011

1.

2. /SSSS *S. aureus* pETB

3. MDRP *b/a*<sub>IMP-1</sub> pl asmi d

4. /SSSS ETB

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5. *Klebsiella pneumoniae* (ISMRK)

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6. *Klebsiella pneumoniae* (ISMRK)  
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7. 2004 2009  
59 6/24
8. *Klebsiella pneumoniae* (ISMRK)  
7/23
9. **A novel transcriptional regulator, SptB, of exfoliative toxin A in *Staphylococcus aureus*.** Fuminori Kato, Hideki Hirakawa, Kosuke Tashiro, Satoru Kuhara, Motoyuki Sugai. IUMS Sep 7, Sapporo
10. **Sequence analysis of the *b/a*<sub>IMP-1</sub> plasmid harbored by an MDRP in Hiroshima.** Shizuo Kayama, Kanao Kobayashi, Hiroki Ohge, Hideki Hirakawa, Kenshiro Oshima, Masahira Hattori, Motoyuki Sugai. IUMS Sep 9, Sapporo
11. **Skip, a versatile cell wall protein of *S. aureus* causing severe skin diseases.** Junzo Hishitsune, Teruaki Murakami, Taro Kojima, Ikue Hayashi, Fuminori Kato, Motoyuki Sugai. Symposium: Staphylo-Streptococcus Diseases IUMS Sep 9, Sapporo (Invited)
12. **Skip, a Trojan horse of *Staphylococcus aureus* causing severe impetigo/SSSS.** Junzo Hishitsune, Teruaki Murakami, Ikue Hayashi, Fuminori Kato, Motoyuki Sugai. IUMS Sep 10, Sapporo
13. **CdtC-induced processing of membrane-bound CdtA is a crucial step in complex formation of CDT holotoxin.** Keiko Tsuruda, Motoyuki Sugai IUMS Sep 10, Sapporo
14. SptA. 56

9/23

- 15. *S. aureus* pETB . 56 . 9/23
- 16. ESBL . 9/23
- 17. *bla*<sub>IMP-1</sub> . 81 . 10/7
- 18. *Klebsiella pneumoniae* . 81 . 10/7
- 19. -ESBL

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27. *Staphylococcus aureus*  
30 12/3
28. 30  
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29. *Staphylococcus aureus* Skip  
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30. SptB is a novel transcriptional regulator of exfoliative toxin A in *Staphylococcus aureus*. Fuminori Kato, Hideki Hirakawa, Kosuke Tashiro, Satoru Kuhara, Motoyuki Sugai.  
34 12/15 12/16  
47p | Functions of Molecules and Complexes/ Transcription/
1. 3/12
2. - - 64  
-I 8/26 (Invited)
3. Skip, a versatile cell wall protein of *S. aureus* causing severe skin diseases. Motoyuki Sugai. Symposium: Staphylo-Streptococcus Diseases IUMS Sep 9, Sapporo (Organizer and speaker)

4. ESBL 9/23
5. ESBL 12 MICRoBE 10/22
6. -ESBL - 22 3 12 MICRoBE 10/22
7. Drug-resistant *Pseudomonas aeruginosa* urinary isolates: clonal dissemination of multidrug-resistant *Pseudomonas aeruginosa* with the *bla*<sub>IMP-1</sub> gene cassette in Hiroshima. Kanao Kobayashi, Wataru Shimizu, Motoyuki Sugai, Aki o Matsubara. The 2011 Urinary Tract Infection and Inflammation - Expert Consensus Conference, 11/26-27 Jeju, Seoul, Korea
8. - ESBL - 40

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Genetic tracing of taste representation in the brain reveals its potential interaction with the homeostatic control of feeding: Sugita M.: The 59th Annual Meeting of Japanese Association for Dental Research (Hiroshima), 2011.

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63

2011

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2011.

Molecular characterization of GDD1/TMEM16E: Tobiume K., Ta To T., Hirono C., Fujimoto S., Mizuta K., Kubozono K., Sugita M., Kamata N.: The 34th Annual Meeting of the Molecular Biology Society of Japan (Yokohama), 2011.

21592362 1,000

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International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Sciences 2011, (Hiroshima), 2011.

3	GABARAP	PRIP		84
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13				PAF
			53	
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14 GABA

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15 PRIP

*Staphylococcus aureus*

84

, 2011.

16 New role of PRIP in regulation of lipolysis: Okumura T., Harada K., Hirata M., Kamata N., Kanematsu T.: 4th Hiroshima Conference on Education and Science in Dentistry, (Hiroshima), 2011.

17 PRIP modulates *Staphylococcus aureus* proliferation via infection-induced autophagy: Harada K., Kanematsu T.: The 10th JBS Biofrontier Symposium commemorating Kyushu University Centennial Anniversary International Symposium New Aspects of Phospholipid Biology and Medicine 2011, (Fukuoka), 2011.

18 PLC-related catalytically inactive protein: a novel modulator of lipolysis: Kanematsu T, Okumura T, Harada K, Kamata N.: The 10th JBS Biofrontier Symposium commemorating Kyushu University Centennial Anniversary International Symposium New Aspects of Phospholipid Biology and Medicine 2011, (Fukuoka), 2011.

F

1 Trafficking of GABA<sub>A</sub> Receptors is Modulated by Their Phosphoregulation via a Novel GABA<sub>A</sub> Receptor Binding Protein PRIP: Kanematsu T. NeuroTalk 2011, (Dalian, China), 2011.

2 New technology for brain research on the analyses of oral functions: Kanematsu T. The 59th Annual Meeting of Japanese Association for Dental Research, (Hiroshima), 2011.

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Poster Award 3rd International workshop on BioDental Education & Research 2011.

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Poster Award 4th Hiroshima Conference on Education and Science in Dentistry 2011.

6

1

PCT/JP2011/078508;

2010-274581

2011 12 9

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Amelogenin enhances the proliferation of cementoblast lineage cells. Kunitatsu, R., Tanimoto, K., Tanne, Y., Kamiya, T., Ohkuma, S., Huang, Y.C., Yoshimi, Y., Miyauchi, M., Takata, T., Tanne, K. *J Periodontol*. 2011 Nov; 82(11): 1632-8.

Effect of PGE(2) induced by compressive and tensile stresses on cementoblast differentiation in vitro. Rego, E.B., Inubushi, T., Kawazoe, A., Miyauchi, M., Tanaka, E., Takata, T., Tanne, K. *Archives of Oral Biology*. 2011 Nov; 56(11): 1238-46.

Ultrasound stimulation attenuates root resorption of rat replanted molars and impairs tumor necrosis factor- signaling in vitro. Rego, E.B., Inubushi, T., Miyauchi, M., Kawazoe, A., Tanaka, E., Takata, T., Tanne, K. *J Periodontal Res*. 2011 Dec; 46(6): 648-54.

Differential Effects of Amelogenin on Mineralization of Cementoblasts and Periodontal Ligament Cells. Tanimoto, K., Kunitatsu, R., Tanne, Y., Huang, Y.C., Yoshimi, Y., Miyauchi, M., Takata, T., Tanne, K. *Journal of Periodontology* 2011 Sep 26. [Epub ahead of print].

Oral Administration of EP4 Antagonist Inhibits LPS-Induced Osteoclastogenesis in Rat Periodontal Tissue. Oka, H., Miyauchi, M., Furusho, H., Nishihara, T., Takata, T. *Journal of Periodontology* 12 September 2011: 1-23

MMP-10/stromelysin-2 promotes invasion of head and neck cancer. Deraz, E.M., Kudo, Y., Yoshida, M., Tani, H., Tsunematsu, T., Siriwardena, B.S.M.S., Kiekhäe, M.R., Qi, G., Iizuka, S., Ogawa, I., Campisi, G., Lo Muzio, L., Abiko, Y., Kikuchi, A., Takata, T. *PLoS ONE* 6(10): e25438.

Overexpression of Receptor for Hyaluronan-Mediated Motility (RHAMM) in MC3T3-E1 induces the proliferation and differentiation through phosphorylation of ERK1/2. Hatano, H., Shigeishi, H., Kudo, Y., Higashikawa, K., Tobiume, K., Takata, T., Kamata, N. *J Bone Miner Metabol* (2011 Sep 27. Epub ahead of print).

Increased telomerase activity and hTERT expression in human salivary gland carcinomas. Shigeishi H, Sugiyama M, Tahara H, Ono S, Bhawal UK, Okura M, Kogo M, Shinohara M, Shindoh M, Shintani S, Hamakawa H, Takata T, Kamata N. *Oncology Letters* 2: 845-850, 2011

miR-22 represses cancer progression by inducing cellular senescence. Xu, D., Takeshita, F., Hino, Y., Fukunaga, S., Kudo, Y., Tamaki, A., Matsunaga, J., Takahashi, R., Takata, T., Shimamoto, A., Ochiya, T., Tahara, H. *J Cell Biol* 193(2): 409-24.

2011: 27-34, 2011.

**B**

1. Microepidermoid carcinoma arising in Warthin tumor. *Pathol Int* 61: 28, 94-98, 2011.
2. A case of multifocal nodular oncocytic hyperplasia. Sato S, Kishino M, Ogawa Y, Ogawa I, Takata T, Toyosawa S. *Pathology-Research and Practice* 207: 452-455, 2011.
3. Monoclonal gammopathy of undetermined significance (MGUS). *Pathol Int* 60, 271-277. 2011.
4. Multiple cemental tears. Watanabe C, Watanabe Y, Miyauchi M, Fujita M, Watanabe Y. *Oral Surg Oral Med Oral Pathol Oral Radiol* (in press).

**C**

1. Oncogenic role of RUNX3 in head and neck cancer.: Kudo Y, Tsunematsu T, Takata T.: *J Cell Biochem*, 2011; 112: 387-393.
2. *Pathol Int* 61, 596-601, 2011.
3. *Pathol Int* 61, 50-58, 2011.
4. WHO (2005) - *Pathol Int* 61, 486-492, 2011.

**D)**

1. *Pathol Int* 61, 144-150, 2011.

## E

1. Application of liposomal lactoferrin to prevention and treatment of periodontal diseases.: Takata T.: The 2<sup>nd</sup> joint scientific meeting in dentistry ( ), , 2011 12 3-4 .
2. .: .: 22 . , 2011 9 24 .
3. .: .: 29 .  
Tip-Edg , 2011 8 28 .
4. ASOMP Scientific Session: Frontier research of oral pathology in Asia: Identification of novel invasion related molecules in oral cancer.: Kudo Y. : 5 .  
22 . 2011 8 24-25 .
5. Salivary gland tumors, Head and neck pathology.: Takata T.: The 7<sup>th</sup> Asia Pacific International Academy of Pathology Congress ( ), 2011 5 23 .
6. Innovation of Dental Program in Hiroshima University for Establishing Dental Education in 21st Century. Takata T. The Third Workshop for BioDental education and research, Aster Plaza ( ) 2011 1 31 .
7. - -  
29 . 2011 1 27-28 .

## F

1. Acemannan induces cementoblast proliferation, alkaline phosphatase activity and collagen expressions.: Thunyakitpisal P, Sahawat D, Takata T.: 25th IADR-SEA Division Annual Scientific Meeting ( ), 2011 10 28-30 .
2. F-spondin promotes the differentiation of human periodontal ligament cells. Kitagawa M, Miyauchi M, Takata T. 4<sup>th</sup> Hiroshima conference On education and science in dentistry ( ), 2011 10 9-10 .

3. Inhibitory effect of bLF on LPS-induced crosstalk among TLR pathways in osteoblasts. Okada M, Morimoto C, Inubushi T, Miyauchi M, Takata T. 4<sup>th</sup> Hiroshima conference On education and science in dentistry( ), 2011 10 9-10 .
4. Application of Lactoferrin for periodontitis prevention and treatment. Kosai A, Inubushi T, Miyauchi M, Takata T. 2011 Dentsply SCRP ( , ), 2011 10 8 .
5. Geminin stabilization by Aurora kinase-mediated phosphorylation during mitosis. Tsunematsu T, Kudo Y, Takata T. Cold spring harbor meeting, " The ubiquitin family" ( , ), 2011 5 17-21 .
6. Chromosome passenger complex protein, Borealin is regulated by APC/C<sup>Cdh1</sup> ubiquitin ligase complex. Kudo Y, Tsunematsu T, Takata T. Cold spring harbor meeting, " The ubiquitin family" ( , ), 2011 5 17-21 .
7. Acemannan induces cementum formation, in vitro study.: Thunyakitpisal P, Sahawat D, Kanthasawan S, Sangvanich P, Takata T, Kitagawa M.: IADR/AADR/CADR 89th General Session and Exhibition ( , ), 2011 3 16-19
8. Geminin stabilization by Aurora kinases-mediated phosphorylation during mitosis. Tsunematsu T, Kudo Y, Takata T. 3rd International workshop on BioDental Education & Research ( ) 2011 1 30 .
9. Experimental study on relationship between periodontitis and systemic diseases -Systemic influence of continuous application of LPS to periodontal tissues-. Furusho H, Miyauchi M, Aomin, Inubushi T, Kitagawa M, Takata T. 3rd International workshop on BioDental Education & Research ( ) 2011 1 30 .

## G

1. — F-spondin . 50 95  
2011 11 13 .

2. Geminin escapes from ubiquitin-mediated degradation by Aurora-A induced phosphorylation during mitosis. Tsunematsu T, Kudo Y, Takata T. 59<sup>th</sup> JADR Annual Meeting 2011 10 8-9 .
3. Dental infection of Porphyromonas gingivalis induces pathological progression of non-alcoholic steatohepatitis. Furusho H, Miyauchi M, Aomin, Inubushi T, Ouhara K, Hisatune J, Kurihara H, Sugai M, Takata T. 59<sup>th</sup> JADR Annual Meeting 2011 10 8-9 .
4. Molecular mechanisms of inhibitory effects of lactoferrin on LPS-mediated osteoclastogenesis. Inubushi T, Miyauchi M, Kawazoe A, Okada M, Aomin, Kudo Y, Ishikado A, Maki no T, Tanne K, Tanaka E, Takata T. 59<sup>th</sup> JADR Annual Meeting 2011 10 8-9 .
5. Identification of microRNA-203 as an inhibitor of invasion in oral cancer. Obayashi M, Kudo Y, Yoshida M, Hino Y, Fukunaga S, Tahara H, Takata T. 59<sup>th</sup> JADR Annual Meeting ( ), 2011 10 8-9 .
6. Amelogenin differentially affects mineralization of cementblasts and periodontal ligament cells. Y Yoshimi, K Tanimoto, R Kunimatsu, T Takata, K Tanne, 59<sup>th</sup> JADR Annual Meeting 2011 10 8-9 .
7. Mechanism of hypoxia-inducible factor-1a in cartilage degradation by mechanical stress. M Shirakura, K Tanimoto, T Takata, K Tanne, 59<sup>th</sup> JADR Annual Meeting 2011 10 8-9 .
8. P. gingivalis non-alcoholic steatohepatitis(NASH) . . . . . 2011 , 2011 9 1-2
9. mi R-203 . . . . . 3 RNAi 2011 8 26-27 .
10. Nuclear survivin expression is well correlated with tumor progression of Head and Neck Cancer. Aljuni d Merican ISM, Kudo Y, Qi G, Ogawa I, Takata T. 22 5 2011 8 24-25 .



6. 56 2011 10 21-23
7. Signet-ring cell Mucin-producing adenocarcinoma of minor salivary gland 22  
5 2011 8 24-25
8. Ectomesenchymal chondromyxoid tumor of anterior tongue 105  
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- 1:
- 2:
- 3:
- 4:
- 5:
- 6:
- 7:
- 8:

1. Characteristics of High-Molecular-Weight Hyaluronic Acid as a Brain-Derived Neurotrophic Factor Scaffold in Periodontal Tissue Regeneration.: Takeda K, Sakai N,

Shiba H, Nagahara T, Fujita T, Kajiya M, Iwata T, Matsuda S, Kawahara K, Kawaguchi H, Kurihara H. Tissue Eng Part A. Apr;17(7-8):955-67, 2011.

2. Proteome analysis of proteins related to aggressive periodontitis combined with neutrophil chemotaxis dysfunction. Mizuno N, Niitani M, Shiba H, Iwata T, Hayashi I, Kawaguchi H, Kurihara H. J Clin Periodontol. 2011 Apr;38(4):310-7.

3.

32(1): 38-46, 2011

4. CT

32(3): 226-231, 2011

1.

the Quintessence ENDO

ENDO

128-137

2. DH

DHstyle.

5(9):66-70, 2011.

3. DH

; DHstyle.

5(12):62-66, 2011.

E

1.

( BDNF)

10

2011 3 ,

2. BDNF induces migration of endothelial cells: S. Matsuda, T. Fujita, H. Shiba, H. Kurihara; 89th General session and Exhibition of the international association for dental research 2011 3 ,

3. Irsogladine Maleate Regulates Gingival Epithelial Barrier Functions In Inflammatory Condition: T. FUJITA, H. YUMOTO, K. OUHARA, T. MIYAGAWA, S. MATSUDA, H. KAWAGUCHI, T. MATSUO, H. KURIHARA; 89th General session and Exhibition of the international association for dental research 2011 3 ,
4. Inflammatory reaction of S100 protein in human gingival epithelial cells: Y. Uchida, K. Ohara, T. Fujita, H. Shiba H. Kawaguchi, H. Kurihara; The International Association of Dental Research 2011 3 ,
5. Usefulness of stem cell-produced extracellular matrix as a scaffold : Kittaka M, Shiba H, Hayashida K, Takeda K, Iwata T, Fujita T, Kawaguchi H, Kurihara H.; the 89th General Session & Exhibition of the International Association for Dental Research 2011 3 ,
6. :  
54 2011 5 ,
7. LL37 VEGF , ,  
54  
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8. Smad2  
; 54 2011 5 ,
9. 54  
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10. IL-32 135 2011  
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11. TNF- $\alpha$  :  
; 32 2011 6 ,



22. Amphotericin B

IL-8

135

(2011 10 , )

23. Immunohistochemical study of periodontal tissue regenerative process by BDNF:

Akihiro Konishi, Katsuhiko Takeda, Hideki Shiba, Takeshi Ueda, Tsuyoshi Fujita, Shinji Matsuda, Hiroyuki Kawaguchi, Hidemi Kurihara.; 4th Hiroshima Conference on Education Science in Dentistry 2011 10 ,

24. Isolation and osteogenic differentiation of jaw bone marrow derived mesenchymal

stem cells in beagle dogs: Takeshi Ueda, Hiroyuki Kawaguchi, Kenji Wada, Katsuhiko Takeda, Tsuyoshi Fujita, Yuushi Uchida, Hidemi Kurihara; 4th Hiroshima Conference on Education Science in Dentistry 2011 10 ,

25. The inhibitory effect of irsogladine maleate against Toll-like receptor 2 induction

mediated by *Porphyromonas gingivalis* in human gingival epithelial cells: Irma Josefina Savitri, K. Ouhara, T. Fujita, T. Miyagawa, Y. Uchida, H. Shiba, H. Kawaguchi, H. Kurihara ; 4<sup>th</sup> Hiroshima Conference 2011 10 ,

26. :

; 97 2011 11 ,

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2. 2011 3 ,
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4. 2011 5 ,
5. ADS-ROC annual meeting 2011 8 ,
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23 2011 : Irsogladine maleate regulates neutrophil migration and E-cadherin expression in gingival epithelium stimulated by

*Aggregatibacter actinomycetemcomitans*; *Biochemical Pharmacology*. 79:1496-1505, 2010.

23 (2011 ): Irsogladine maleate regulates neutrophil migration and E-cadherin expression in gingival epithelium stimulated by *Aggregatibacter actinomycetemcomitans*; *Biochemical Pharmacology*. 79:1496-1505, 2010.

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B)

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C)

- 1: Hatano H, Shigeishi H, Kudo Y, Higashikawa K, Tobiume K, Takata T, Kamata N.  
Overexpression of receptor for hyaluronan-mediated motility (RHAMM) in MC3T3-E1 cells induces proliferation and differentiation through phosphorylation of ERK1/2. *J Bone Miner Metab.* PMID: 21947782, 2011.
- 2: Hatano H, Shigeishi H, Kudo Y, Higashikawa K, Tobiume K, Takata T, Kamata N.  
RHAMM/ERK interaction induces proliferative activities of cementifying fibroma cells through a mechanism based on the CD44-EGFR. *Lab Invest.* 91: 379-91, 2011.

D)

- 1 Toubou H, Goto Y, Kurashima Y, Kiyono H, Maruyama F, Nakagawa I, Kurushima J, Abe A, Hayashi I, Takahashi I. Indigenous environmental bacteria involve the creation of mucosal homeostasis. The 40<sup>th</sup> Annual Meeting of Japanese Society of Immunology. Chiba, Japan. November 28, 2011.

E)

2011-033867

23 2 18

1 23

2011 3 305 1000

2

1500

---

Mahmud UZ Zaman

51 33-38 2011.

Irradiation Effect on Osteoclastogenesis Stimulated by Breast Cancer Cell Sawajiri M, Nomura Y.,



Disinfection of Dental Stone Casts: Effect on Surface Morphology. Nishikiori R., Watanabe .,  
Nomura y., Hirata I., Sawajiri M., Okazaki M. International Dental Materials Congress 2011  
(Seoul)

Osteoporosis diagnosis support device: United States Patent (US 7,916,921 B2)(Asano A., Taguchi A., Nakamoto T., Tanimoto K., Arrifin AZ.)

---



- 1: ERK1/2 Fibromodulin  
53 2011.
- 2: Klotho FGF23  
88 /  
116 2011.
- 3: FGF FGF23-Phex  
29  
2011.
- 4: MEPE ASARM Phex FGF23/ Klotho  
29 2011.
- 5: MEPE-derived phosphorylated ASARM is involved in FGF23/soluble Klotho-dependent hypomineralization.: Konishi Y., Minamizaki T., Yoshiko Y., Yoshioka H., Kozai K., Aubin J.E., Maeda N.: The American Society for Bone and Mineral Research 2012 Annual Meeting (San Diego), 2011.
- 6: MEPE-associated phosphorylated ASARM is a potential target to facilitate bone mineralization.: Mohri M., Yoshiko Y., Minamizaki T., Yoshioka H., Maeda N.: 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011.

1:

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2.

Plenary Poster, The American Society for Bone and Mineral Research 2012 Annual Meeting (San Diego), 16 Sep. 2011.

3.

Travel Award, The American Society for Bone and Mineral Research 2012 Annual Meeting (San Diego), 16 Sep. 2011.

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2011-150487, 2011.

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(1)

- T., Kurihara H., Akazawa H., Komuro I., Kamata H., Nishimura F., Asano T.: *Am J Physiol Endo Metab*, in press, 2011.
- 2 Xanthine oxidoreductase is involved in macrophage foam cell formation and atherosclerosis development : Kushiya A., Okubo H., Sakoda H., Kikuchi T., Fujishiro M., Sato H., Kushiya S., Iwashita M., Nishimura F., Fukushima T., Nakatsu Y., Kamata H., Kawazu S., Higashi Y., Kurihara H., Asano T. : *Arterioscler Thromb Vasc Biol*, 32, 291-298, 2012.
- 3 Structural and functional role of small group-conserved amino acids present on helix-H7 in  $\beta_2$ -adrenoreceptor : Arakawa M., Kim S-K., Upadhyaya J., Singh N., Eilers M., Reeves P., Goddard WA., Smith SO., Chelikani P. : ***Biochimica et Biophysica Acta (BBA) – Biomembranes***, 1808(4): 1170-

F., Aoyama S., Yabe D., Izumi Y., Otsubo R., Nakai Y., Nagasaka S.: *Tob Induc Dis*, 9:12. [Epub ahead of print], 2011.

## B)

1: ; (54)  
490- 492, 2011.

## C)

1: -4- ;  
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): ( ), 369- 375, 2011.

2: ;  
2 : ( ): ;  
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3: 12 ;  
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4: ; 2011 ( ) :  
: ( ), 96-99, 2011.

## D)

1: ; ;  
119-128, 2011.

2: ; ( ), (99)1897-1901,  
2011.

3: ; THE BONE:  
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4: 2011

## E)

1 Involvement of infiltrated macrophage in the induction of LPS-induced insulin resistance in adipose tissue and its prevention by ARB 3<sup>rd</sup> International

Workshop on BioDental Education & Research 2011 1 28-30

2 Study on inhibitory effects of Cacao flavonol on arteriosclerosis by its anti-inflammatory action  
Shintaro Nagayasu Akiko Yamashita Shigeki Suzuki Yoshimitu Abiko Fusanori Nishimura  
3<sup>rd</sup> International Workshop on BioDental Education and Research (Hiroshima) 2011, January  
28~30.

3 LPS ARB

3

2011 2 4

4 Periodontal disease may up-regulates triglycerides in Japanese via enhanced lipolysis: Nakarai H., Yamashita A., Nishimura F.: The 89<sup>th</sup> International and American Association for Dental Research (San Diego), March 16-19, 2011.

5 The establishment of stable cell lines expressing cleavage-resistant Dentin sialophosphoprotein  
Suzuki S., Nishimura F.: The 89<sup>th</sup> IADR General Session and Exhibition, (San Diego), March  
16-19, 2011.

6 6 2011 5 21 22

7

54 2011 5 19 20

8 LPS ARB

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- 10 (GlyTs)  
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- 11 Ameloblast : , , :  
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- 12 (PAF)  
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- 14 (PAF)  
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- 15 Valsartan suppresses LPS-induced inflammation in macrophages independently of AT1 receptor  
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- 18 Dentin sialophosphoprotein  
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- 19 Adipose tissue inflammation and smoking synergistically suppress leptin expression in Japanese obese males: Potential mechanism of resistance to weight loss among obese smokers Shintaro Nagayasu Aiko Yamashita Shigeki Suzuki Misaki Iwasita Fusanori Nishimura 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima) 2011, October 9 and 10.

F)

- 1 The periodontal host response with type 2 diabetes. 24<sup>th</sup> Indonesian Dentist Association Congress.: Nishimura F. Indonesia (Bali), April 1-2, 2011.
- 2 The periodontal host response with type 2 diabetes. The 2nd Joint Scientific Meeting in Dentistry (JSMiD II):Nishimura F., Indonesia(Surabaya), Dec 3-4, 2011.

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1	(C)	,	23593059. 4,550
2	B		22791837 600
3	C		21592421 1,000
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- 1 3<sup>rd</sup> International Workshop on BioDental Education & Research Selected Symposium  
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- 1 RHAMM/ERK interaction induces proliferative activities of cementifying fibroma cells through a mechanism based on the CD44-EGFR. Hatano H, Shigeishi H, Kudo Y, Higashikawa K, Tobiume K, Takata T, Kamata N. *Lab Invest.* 91 (3): 379-91.2011.
- 2 Osteoporosis influences the early period of the healing after distraction osteogenesis in a rat osteoporotic model. Tatehara S, Miyamoto Y, Takechi M, Momota Y, Yuasa T. *J Craniomaxillofac Surg.* 39 (1): 2-9. 2011
- 3 N-cadherin expression is involved in malignant behavior of head and neck cancer in relation to epithelial-mesenchymal transition. Nguyen PT, Kudo Y, Yoshida M, Kamata N, Ogawa I, Takata T. *Histology and Histopathology.* 26 (2): 147-56. 2011
- 4 Additive effects of orexin B and vasoactive intestinal polypeptide on LL-37-mediated antimicrobial activities. Ohta K, Kajiya M, Zhu T, Nishi H, Mawardi H, Shin J, Elbadawi L, Kamata N, Komatsuzawa H, Kawai T. *J Neuroimmunol.* 233 (1-2): 37-45. 2011.
- 5 Expression and regulation of the N and TAp63 isoforms in salivary gland tumorigenesis clinical and experimental findings. Mitani Y, Li J, Weber RS, Lippman SL, Flores ER, Caulin C, El-Naggar AK. *Am J Pathol.* 179 (1): 391-9. 2011
- 6 PGE(2) targets squamous cell carcinoma cell with the activated epidermal growth factor receptor family for survival against 5-fluorouracil through NR4A2 induction. Shigeishi H, Higashikawa K, Hatano H, Okui G, Tanaka F, Tran TT, Rizqiawan A, Ono S, Tobiume K, Kamata N. *Cancer Lett.* 307 (2): 227-36. 2011
- 7) Expression and possible immune-regulatory function of ghrelin in oral epithelium. Ohta K, Laborde NJ, Kajiya M, Shin J, Zhu T, Thondukulam AK, Min C, Kamata N, Karimbux NY, Stashenko P, Kawai T. *J Dent Res.* 90 (11):1286-92. 2011
- 8 Increased telomerase activity and hTERT expression in human salivary gland carcinomas. Shigeishi H, Sugiyama M, Tahara H, Ono S, Bhawal UK, Okura M, Kogo M, Shinohara M, Shindoh M, Shintani S, Hamakawa H, Takata T, Kamata N. *Oncology Letters* 2: 845-850. 2011
- 9 A role of oral bacteria in Bisphosphonate-induced osteonecrosis of the jaw. Mawardi H, Giro G, Kajiya M, Ohta K, Armazrooa S, Alshwaimi E, Woo SB, Nishimura I, Kawai T. *J Dent Res.* 90 (11) : 1339-45. 2011

10 Novel Chromosomal Rea

19) . . . . .  
43(2): 124-129,  
2011.

20) NEOBONE®)  
1 : . . . . .  
.: 43(2): 130-133, 2011.

1 . . . . .  
30(2): 127-135 2011.

1 . . . . .  
2-6. p121-137, 3-7. p226-226, 3-11. p238-239,  
3-12. p240, 4-18. p296, 4-19. p297  
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2 Research Project : . . . . .  
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2) Basic research on bone augmentation for dental implant treatment using interconnected



11) ... : 40 (2011. 5. 28 )

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13) EMT : , Andra  
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14) PRIP : ...  
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21) PRIP

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22) Analysis of the EMT induction by humoral factors in squamous cell carcinoma cells

Okui G, Higashikawa K, Shigeishi H, Ono S, Tobiume K, Kamata N. 70

2011.10.5

23) RHAMM Induces Proliferative Activities of Cementifying Fibroblasts: Hatano H,

Shigeishi H, Kudo Y, Higashikawa K, Takata T, Kamata N. : 4th Hiroshima Conference on  
Education and Science in Dentistry 2011.10.10

24) Analysis of the EMT induction by humoral factors in squamous cell carcinoma cells

Okui G, Higashikawa K, Shigeishi H, Ono S, Kamata N. 4th Hiroshima Conference on  
Education and Science in Dentistry 2011.10.10

25) CaCC activity, localization and stability of TMEM16E: TraN TT, Fujimoto S, Mizuta K,

Hirono C, Sugita M, Kamata N. : 4th Hiroshima Conference on Education and Science in  
Dentistry 2011.10.10

26) Expression and function of Retinoic acid-inducible gene-1 (RIG-I) in oral keratinocyte

and fibroblast Fukui A, Ohta K, Shigeishi H, Niishi H, Takechi M, Kamata N. : 4th Hiroshima  
Conference on Education and Science in Dentistry 2011.10.10

27) The new role of PRIP in regulation of lipolysis: Okumura T, Harada K, Kamata N, Kanematsu

T: 4th Hiroshima Conference on Education and Science in Dentistry 2011.10.10

28) Fabrication and basic properties of poly(DL-lactide-co-glycolide) containing

Carbonated apatite: Ota A, Takechi M, Ota K, Niomiya Y, Nakagawa T, Tada M, Minami  
M,

Takamoto M, Tsuru K, Ishikawa K, Kamata N. : 4th Hiroshima Conference on Education and

Science in Dentistry 2011. 10. 10 29)

30) :  
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31) -PLGA : , ,  
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32) EMT : , ,  
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- 38) : , , ,  
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- 39) EMT  
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- 40) Retinoic acid-i nducible gene-I (RIG-I)  
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2011. 11. 18
- 41) 48 2011. 11. 19
- 42) Degradati on pathway for GDD1/TMEM16E Tran TT, Tobi ume K, Fuj i moto S, Mi zuta K, Hi rono  
C, Sugi ta M, Kamata N. 48 2011. 11. 19
- 43) Sara Abedi ni  
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- (2011. 11. 13 )
- 44) -PLGA , . 33
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- 45) NEOBONE®  
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- 1) 84
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  - 4 4th Hiroshima Conference on Education and Science in Dentistry Best Poster Award
  - 5 4th Hiroshima Conference on Education and Science in Dentistry poster award
  - 6 4th Hiroshima Conference on Education and Science in Dentistry poster award
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Maretaningtias Dwi Ariani

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3 FGF

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6

7

1. Manometric evaluation of oral function with a hand-held balloon probe. : Tsuga K, Maruyama M, Yoshikawa M, Yoshida M, Akagawa Y : J Oral Rehabil. , 38, 680-685, 2011.
2. Comparative evaluation of bone regeneration using spherical and irregularly shaped granules of interconnected porous hydroxylapatite. A beagle dog study. : Kubo T, Doi K, Hayashi K, Morita K, Matsuura A, Teixeira ER, Akagawa Y : J Prosthodont Res, 55, 104-109, 2011.
3. Detection of synthetic RGDS(PO<sub>3</sub>H<sub>2</sub>)PA peptide adsorption using a titanium surface plasmon resonance (SPR) biosensor. : Abe Y, Hiasa K, Hirata I, Okazaki Y, Nogami K, Mizumachi W, Yoshida Y, Suzuki K, Okazaki M and Akagawa Y : Journal of Materials Science, 22, 657–661, 2011.
4. Preoperative computed tomography-derived bone densities in hounsfield units at implant sites acquired primary stability. : Hiasa K, Abe Y, Okazaki Y, Nogami K, Mizumachi W and Akagawa Y : ISRN Dent. 2011.
5. Comparison of three types of tongue pressure measurement devices. : Yoshikawa M, Yoshida M, Tsuga K, Akagawa Y, Groher ME : Dysphagia., 26, 232-237, 2011.
6. Correlation between dental and nutritional status in community-dwelling elderly Japanese. : Yoshida M, Kikutani T, Yoshikawa M, Tsuga K, Kimura M, Akagawa Y : Geriatr Gerontol Int., 11, 315-319, 2011.
7. Real time assessment of surface interactions with a titanium passivation layer by surface plasmon resonance. : Hirata I, Yoshida Y, Nagaoka N, Hiasa K, Abe Y, Maekawa K, Kuboki T, Akagawa Y, Suzuki K, Meerbeek BV, Messersmith PB and Okazaki M : Acta Biomater., 8:1260-1266, 2011.
8. 42 151-154 2011.
9. 4 43 27-30 2011.

- 1: Part3  
Chapter1  
110-111 2011
- 2: Part3  
Chapter3  
158-159 2011
- 3: Part3  
Chapter3  
168 2011
- 4: Bio-Oss 12 : Healling of  
Ungrafted and Grafted Extraction Sockets After 12 Weeks: A Prospective Clinical Study.  
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- 1: JMS the  
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- 2:  
139 28-34 2011



- 11: - Maretaningtias AD, ,  
41 2011
- 12:  
2011.
- 13: The cell viability on newly developed carbonate apatite-chitosan sponges: Ariani MD, Matsuura A,  
Hirata I, Kubo T, Okazaki M and Akagawa Y :  
2011
- 14:  
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- 15:  
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- 9: 2011.
- 10: PBL 2011.
- 11: Expert 2011.
- 12: EBM  
2 2011.
- 13: 2011.
- 14: 2011.
- 15: 11  
2011.
- 16: 54  
2011.
- 17: 54  
2011.
- 18: A new standard for functional rehabilitation in prosthetic and geriatric oral medicine:Tsuga K: 2nd  
Joint Scientific Meeting in Dentistry Main Lecture(Surabaya), 2011.
- 19: 2011
- 20: 48  
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- 21: 52 2011

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- 1: Poster Presentation Award on International Seminar of the 2nd Joint scientific Meeting in Dentistry :  
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- 2: Poster Award on 4th Hiroshima Conference on Education Science in Dentistry : Maretaningtias AD

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Durability of peel bond of resilient denture liners to acrylic denture base resin: Maeda T., Hong G.,  
Sadamori S., Hamada T., Akagawa Y.: J Prosthodont Res,

	3	, 2011.
	51	, 2011.
ALCAM	:	, 2011.
	120	, 2011.
		120
		, 2011.
	24	, 2011.
<i>Candida albicans</i>		, 2011.
	23	, 2011.
	BPSD	, 2011.
	23	, 2011.

Development of implant/interconnected porous calcium hydroxyapatite: Oue H., Doi K., Kubo T., Koretake K., Hayashi K., Kajihara S., Imura K., Akagawa Y.: 14th Meeting of the International College of Prosthodontists (Hawaii), 2011.

The aspects of osseointegration of the implants placed in the reconstructed bone: Kajihara S., Doi K., Oue H., Matsuura A., Morita K., Takeshita R., Asamori C., Akagawa Y.: 14th Meeting of the International College of Prosthodontists (Hawaii), 2011.

1

41

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, 2011.

Development of implant/interconnected porous calcium hydroxyapatite: Oue H., Doi K., Kubo T., Koretake K., Hayashi K., Kajihara S., Imura K., Akagawa Y.: 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011.

The aspects of osseointegration of the implants placed in the reconstructed bone by using interconnected porous calcium hydroxyapatite: Kajihara S., Doi K., Oue H., Matsuura A., Morita K., Takeshita R., Asamori C., Akagawa Y.: 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011.

44

, 2011.

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23592848. 3, 380

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23792228. 1, 950

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22791888. 2, 730

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14





- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

1. Immune function in Japanese schoolchildren with sleep-disordered breathing.: A preliminary study with analyses of salivary markers.: Ueda H, Horihata A, Matsumoto E, Watanabe G, Koh M, Tanimoto K, Tanne K.: *Open Journal of Stomatology*, 1, 150-157, 2011.
2. A simplified two-piece mandibular advancement appliance for obstructive sleep apnea.: Ueda H, Ueno M, Watanabe G, Horihata A, Seo T, Tanne K.: *Open Journal of Stomatology*, 1, 165-167, 2011.
3. Changes in masticatory muscle activity during mealtime and sleep after surgical correction of mandibular prognathism.: a case report.: Ueda H, Tabe H, Kato M, Watanabe G, Horihata A, Koh M, Tanne K.: *International Journal of Stomatology and Occlusion Medicine*, 4, 157-161, 2011.
4. Mesenchymal stem cell-induced cranial suture-like gap in rats.: Kaku M, Tai M, Kawata T, Fujita T, Motokawa M, Ohtani J, Sakai Y, Kato Y, Tanne K.: *Plast Reconstr Surg*, 127, 69-77, 2011.

5. IL-1beta in the trigeminal subnucleus caudalis contributes to extra-territorial allodynia/hyperalgesia following a trigeminal nerve injury.: Takahashi K, Watanabe M, Suekawa Y, Ito G, Inubushi T, Hirose N, Murasaki K, Hiyama S, Uchida T, Tanne K.: *Eur J Pain*, 15, 467.e1-467.e14, 2011.
6. In-vitro and in-vivo study of periodontal ligament cryopreserved with a magnetic field.: Kamada H, Kaku M, Kawata T, Koseki H, Abedini S, Kojima S, Sumi A, Motokawa M, Fujita T, Ohtani J, Ohwada N, Tanne K.: *Am J Orthod Dentofacial Orthop*, 140, 799-805, 2011.
7. Effect of PGE induced by compressive and tensile stresses on cementoblast differentiation in vitro.: Rego EB, Inubushi T, Kawazoe A, Miyauchi M, Tanaka E, Takata T, Tanne K.: *Arch Oral Biol*, 56, 1238-46, 2011.
8. Interleukin-1 beta affects cyclooxygenase-2 expression and cartilage metabolism in mandibular condyle.: Tanimoto K, Iwabuchi Y, Tanne Y, Kamiya T, Inubushi T, Kunimatsu R, Mitsuyoshi T, Tanne K.: *Arch Oral Biol*, 56, 1412-8, 2011.
9. Treatment of a case of skeletal class II malocclusion with temporomandibular joint disorder using miniscrew anchorage.: Kaku M, Koseki H, Kawazoe A, Abedini S, Kojima S, Motokawa M, Ohtani J, Fujita T, Kawata T, Tanne K.: *Cranio*, 29, 155-63, 2011.



24. :  
:  
, 21, 171-178, 2011.

25. Skeletal Anchorage System (SAS)  
:  
, 23, 41-51, 2011.

26. :  
, 23, 27-32, 2011.

27. :  
:  
, 43, 113-123, 2011.

1 CPP :  
: Functional Food, 4, 266-273, 2011

1 TMD : : Quintessence TMD YEAR BOOK 2011  
, , 38-39,2011.

2 : :  
, CMC , , 171-178, 2011.

3 : : the Quintessence YEAR BOOK ' 11,  
118-126, 2011.

4 : :  
the Quintessence YEAR BOOK ' 11, 127-135, 2011.

1. Bone regeneration in the treatment of bone defect in the cleft lip and palate patients with mesenchymal stem cells: Tanne K., Yoshioka M., Sumi K., Tanne Y., Tanimoto K.: 87<sup>th</sup> Congress of the European Orthodontic Society (Istanbul), 2011.
2. Cryopreservation technique for tooth banks available for future tooth transplantation: Tanne K., Kaku M., Koseki H., Kojima S., Kawata T.: 87<sup>th</sup> Congress of the European Orthodontic Society (Istanbul), 2011.
3. Variation in the direction of mandibular relapse after sagittal split ramus osteotomy: Koh M., Fujita T., Ito G., Ueda H., Tanne K.: 87<sup>th</sup> Congress of the European Orthodontic Society (Istanbul), 2011.
4. Regeneration of the condyle needs the articular disk: Fujita T., Hayashi H., Shirakura M., Tsuka Y., Tanne K.: 87<sup>th</sup> Congress of the European Orthodontic Society (Istanbul), 2011.
5. Changes in lip-line in asymmetric cases treated with one-jaw surgery: Shirakura M., Fujita T., Koh M., Tanne K.: 87<sup>th</sup> Congress of the European Orthodontic Society (Istanbul), 2011.
6. An innovation in the treatment of open bite with micro-implant: a new strategy based on the etiologic consideration. : Tanne K.: 2011 Annual Session of Taiwan Orthodontic Society (Taipei), 2011.
7. A safety and reliable implantation established by using a torque controllable hand driver.: Ohtani J., Sunagawa H., Fujita T., Kawata T., Kaku M., Motokawa M., Koseki H., Tsubamoto N., Ishikawa E., Tanne K.: The 3rd World Implant Orthodontics Conference. (Verona), 2011.
8. Stability of self-drilling screw examined by histomorphometric study.: Sunagawa H., Ohtani J., Fujita T., Kawata T., Kaku M., Motokawa M., Koseki H., Tsubamoto N., Ishikawa E., Tanne K.: 3rd world implant orthodontic conference.(Verona), 2011.
9. Assessment of primary stability of mini-screw by use of a Periotest.: Tsubamoto N., Ohtani J., Sunagawa H., Fujita T., Kawata T., Kaku M., Motokawa M., Koseki H., Ishikawa E., Tanne K.: 3rd World implant orthodontic conference.(Verona), 2011.

10. Amelogenin without N

17. Expression profiles of nuclear receptors and their functions in rat growth plate Chondrocytes: Ozaki N., Noshiro M., Honda K., Hayashibara K., Kawamoto T., Fujimoto K., Tanne K., Kato Y.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
18. Histochemical analysis of root resorption in rat by jiggling forces: Matsuda Y., Motokawa M., Kaku M., Kawata T., Fujita T., Ohtani J., Sunagawa H., Koseki H., Abedini S., Hayashi H., Terao A., Kojima S., Ishikawa E., Tsubamoto N., Tanne K.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
19. A study of key factors for good facial profiles in cases of skeletal class malocclusion treated by two-jaw surgery: Tamura A., Kaku M., Sugiyama M., Motokawa M., Shimazu A., Noso M., Amano H., Kawata T., Tanne K.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
20. Long-term cryopreservation of mouse osteoblasts by use of a program freezer with magnetic field: Koseki H.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
21. Stability of self-drilling screw under various conditions examined by histomorphometric study and clinical survey: Sunagawa H.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
22. Questionnaire survey on school children about sleep-disordered breathing and effect of pharyngeal airway morphology induced mandibular advancement devices: Horihata A.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
23. The role of microglia in neuropathic pain of maxillofacial region: Ito G.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
24. The role of transcription factor GATA6 in proliferation, differentiation, and integrin expression in mesenchymal stem cells (MSC): Michida M.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.

25. The role of Dec2 in osteogenic, adipogenic, chondrogenic differentiation of bone marrow derived mesenchymal stem cells: Sasamoto T.: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
26. Three-dimensional imaging in regeneration of condyle.: Hayashi H., Fujita T., Shirakura M., Tsuka Y., Arai Y., Tanne K.: 18th International Congress of Dento-Maxillo-Facial Radiology accompanied with the 52nd Annual Congress of Japanese Society for Oral and Maxillofacial Radiology (Hiroshima), 2011.
27. Amelogenin-guided Biomineralization of Hydroxyapatite Crystal on Tooth Enamel.: Tanimoto K., Kunimatsu R., Yoshimi Y., Yoshioka M., Tanne Y., Tanne K.: 4th Hiroshima Conference on Education and Science in Dentistry. (Hiroshima), 2011.
28. Evaluation of the course work education employing cognitive behavior therapy.: Shirakura M., Oka H., Kamiya T., Suehiro F., Sugai M., Kobayashi M.: 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011.
29. An establishment of jaw cleft treatment with bone regeneration by use of mesenchymal stem cells derived from bone marrow: Sumi K., Tanimoto K., Tanne Y., Yoshioka M., Sugiyama M., Tanne K.: 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011.
30. Mechanisms of hypoxia-inducible factor-1 in cartilage degradation by mechanical stress.: Shirakura M., Tanimoto K., Takata T., Tanne K.: The 59th Japanese Association for Dental Research (Hiroshima), 2011.
31. Differential effects of amelogenin on mineralization of periodontal cells: Yoshimi Y., Tanimoto K., Kunimatsu R., Takata T., Tanne K.: The 59th annual meeting of Japanese association for dental research (Hiroshima), 2011.
32. Immunohistochemical analysis of root resorption by repetitive orthodontic force: Matsuda Y., Motokawa M., Kaku M., Kawata T., Fujita T., Ohtani J., Terao A., Tanimoto K., Tanne K.: The 59th Annual Meeting of Japanese Association for Dental Research (Hiroshima), 2011.
33. Association between jiggling force and root resorption during experimental tooth movement.: Motokawa M., Matsuda Y., Kaku M., Kawata T., Fujita T., Ohtani J., Terao A., Ersan K., Carmen G., Ali D., Tanne K.: The 4th International Congress The 70th Annual Meeting of the Japanese Orthodontic Society (Nagoya), 2011.



44. : , , , ,  
, Sara Abedini, : 54  
, 2011.
45. three incisors : , , , ,  
: 54 , 2011.
46. : , , , , , , , :  
54 , 2011.
47. 2 : ,  
, , , , : 24  
: 2 , 2011.
48. : , , , , :  
24 : 2  
, 2011.
49. The direct effect of high magnitude cyclic tensile stress on COX-2 and MMPs expressions in chondrocytes derived from mandibular condyle.: Su S.C., Tanimoto K., Tanne Y., Iwabuchi Y., Kamiya T., Mitsuyoshi T., Sumi K., Tanne K.: 24  
: 2 , 2011.
50. : , , , ,  
, : 24 : 2  
, 2011.
51. HA SZP : , , , ,  
: 24 : 2  
, 2011.
52. DEC2 : , , , ,  
, , , : 24  
: 2 , 2011.

53. OA : ,  
, , , : 24  
: 2 , 2011.
54. :  
, , , , , : 24  
: 2 , 2011.
55. IV  
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: 2 , 2011.
56. : ,  
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57. -  
:  
, , , , , , , , ,  
, , , , , , , : 70  
4 , 2011.
58. : ,  
, , , , , , , : 70  
4 , 2011.
59. (RORa) SREBP1c (Dec1, Dec2) : ,  
, , , , , , : 70  
4 , 2011.
60. : , ,  
, , , , , Sara Abedini, : 70  
4 , 2011.

61. : , ,  
 , , , , : 70 4  
 , 2011.
62. CBCT 3D : , ,  
 , , , , : 70 4  
 , 2011.
63. : , ,  
 , , , , , , Sara Abedini, ,  
 , : 70 4 , 2011.
64. : , ,  
 , , , , , , , Sara  
 Abedini, , : 70 4 ,  
 2011.
65. : , , , , ,  
 , , , , , , Abedini Sara, , ,  
 : 70 4 , 2011.
66. CBCT 3D :  
 , , , , , : 50 &  
 95 , 2011
67. :  
 , , , , , , , Sara Abedini,  
 , , , , : 50 & 95  
 , 2011.

F

1. Tanne K.: Tissue regeneration therapy for the defects of teeth and alveolar bones integrated with orthodontic treatment.: International Scientific Seminar on Contemporary Dentistry (Dhaka), 2011.

2. Tanne K.: Recent innovation in edgewise technique for the correction of vertical discrepancy cases: multiloop edgewise archwire (MEAW) or micro implant anchorage (MIA). : International Scientific Seminar on Contemporary Dentistry (Dhaka), 2011.
3. Tanne K.: Current status of yemporomandibular joint disorder (TMD) and the problem-oriented therapeutic system.: International Scientific Seminar on Contemporary Dentistry (Dhaka), 2011.
4. : : 24  
: 2 , 2011.
5. Tanne K.: Current status of temporomandibular joint disorders and the therapeutic system integrated with orthodontic approach. : The 10<sup>th</sup> Annual Session of Chinese Orthodontic Society (ChongQing), 2011. 6.
6. Tanimoto K.: Background of our recent PhD studies regarding mesenchymal stem cells- bone regeneration of cleft palate and functions of enamel matrix proteins as a signaling molecule -: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
7. Kaku M.: Current trial for orthodontic treatment in our department (Basic and clinical research): 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School Of Biomedical Sciences (Hiroshima), 2011.
8. : — —: , 2011.

1.

4. C : :  
22592285. 1,700
5. (B): :  
22792054. 1,800
6. (B): :  
: HIF-1 . 22792053. 1,800
7. (B): :  
. 23792430. 1,600
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. 23792429. 2,000
9. : :  
. 22890122. 730
10. (B): :  
. 23792428. 1,600
11. : :  
. 23890135. 1,300
12. : :  
. 23890136. 1,300
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14. 23  
: , :  
. 3,360
15. A-STEP :  
: - -  
AS231Z01878F, 1700
16. : :  
: 500

1. : : 35  
, 2011.
2. Abedini S.: Long-term cryopreservation of periodontal ligament cells and pulp tissues with a newly-developed magnetic field programmed freezer.: 44 , 2011.
3. : 2 : 24  
: 2
4. Su S.C.: The direct effect of high magnitude cyclic tensile stress on COX-2 and MMPs expressions in chondrocytes derived from mandibular condyle: 24  
: 2
5. Sumi K : An establishment of jaw cleft treatment with bone regeneration by use of mesenchymal stem cells derived from bone marrow: 4th Hiroshima Conference on Education and Science in Dentistry
6. : :  
70 4
7. : : 70  
4
8. Sunagawa H.: Stability of self-drilling screw examined by histomorphometric study: 3rd world implant orthodontic conference. Best presentation award
9. Shirakura M: The Hatton Award 2012 Finalist of Japanese Association for Dental Research (JADR)
10. Y.C. Huang.: Effects of human full-length amelogenin on the proliferation and osteogenic differentiation of human mesenchymal stem cells derived from bone marrow: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Sciences. Oral presentation award
11. Ito G.: The role of microglia in neuropathic pain of maxillofacial region: 3rd International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Sciences. Oral presentation award



1  
2  
3  
4  
5  
6  
7 pH  
8  
9

1

49(1), 11-19, 2011.

2

43(1), 51-56, 2011.

3 Kato F., Kadomoto N., Iwamoto Y., Bunai K., Komatsuzawa H., Sugai M.: The Regulatory Mechanism for Exfoliative Toxin Production in *Staphylococcus aureus*: Infection and immunity, 79(4), 1660-1670, 2011.

4 Hirata R., Kaihara Y., Suzuki J., Kozai K.: Management of Intruded Primary Teeth after Traumatic Injuries: Pediatric Dental Journal, 21(2), 94-100, 2011

5

39, 315-318, 2010

(2011 3 ) .

6

, 39,

191-196, 2010 (2011 3 ) .

7 *Streptococcus mutans*

49(3), 251-258, 2011.

1

2(1): 13-18,

2010.

1

:12 , 127-137, 18 , 225-230, 15

, 231-243, 18 280-281 351-355

, 2011.

- 1 SPECIAL EDITION " " 1  
16(10) , 18-23,  
2011.
- 2 aromatopia 107, 20(4): 53-56,  
2011.
- 3 43 8 ,  
1332-1336, 2011.
- 4  
2011.
- 5 1 2011.
- 6  
2011.

- 1 *Streptococcus mutans*  
44 2011.
- 2  
44 2011.
- 3 *P.gingivalis*  
44 2011.
- 4 , , ,  
2011.
- 5  
( ) 2011.

- 6 , , , , , , , 22  
( ) 2011.
- 7 Experimental study on relationship between periodontitis and systemic diseases Systemic influence of continuous application of LPS to periodontal tissues: Furusho H., Miyauchi M., Aomin, Inubushi T., Kitagawa M., Takata T.: The 3<sup>rd</sup> International Workshop on BioDental Education & Research Hiroshima University Graduate School of Biomedical Science(Hiroshima), 2011.
- 8 MEPE ASARM Phex FGF23/ Klotho 29  
2011.
- 9 2011 2011.
- 10 Correlation of oral lactic acid bacteria isolated from pre-children with dental caries; Shimada A., Noda M., Matoba, Y., Kumagai T., Kozai K., Sugiyama M.; The 6<sup>th</sup> Asian conference on lactic acid bacteria(Sapporo), 2011.
- 11 Contribution of enolase in fluoride-resistant *Streptococcus mutans*: Mitsuhata C., Ohara Y., Yoshimura G., Kozai K.: The 23<sup>rd</sup> Congress of the International Association of Paediatric Dentistry in Athens (Athens), 2011.
- 12 MEPE-derived phosphorylated ASARM is involved in FGF23/soluble Klotho-dependent hypomineralization: Y. Konishi, Y. Yoshiko, Minamizaki T., Yoshioka H., Kozai K., Aubin J. E., Maeda N.: ASBMR 2011 Annual Meeting(San Diego), 2011.
- 13 2011.
- 14 2011.
- 15 1
- 49 2011.
- 16 , 49 2011.

17

49

2011.

18

49

2011.

19

Klotho FGF23

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B 6F

2011.

5

19

2011.

6

58

2011.

7

The 5<sup>th</sup> Conference of Asian International Association of Dental Traumatology: Reeruption of intruded primary teeth: Kozai K. Aichi Gakuin University Kusumoto campus (Nagoya), 2011.

8 33

2011.

9 Special Lecture: Clinical view of mutans streptococcal transmission in children: Kozai K.: Airlangga University (Surabaya), 2011.

10 22

1.

2011.

1

21659475 22 1,100 23

900 270

2 B

22390391 22 7,500 2,250 23

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8 22

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9 C

( 22592286) 23 910

10 2010 300

11 2010 300



dual linguistic education

Oral Administration of EP4 Antagonist Inhibits LPS-Induced Osteoclastogenesis in Rat Periodontal Tissue. : Oka H, Miyauchi M, Furusho H, Nishihara T, Takata T.: *Journal of Periodontology*; in press; 2011.

F-spondin inhibits migration and differentiation of osteoclastic precursors.: Oka H, Mori M, Kihara H.: *Journal of Periodontology* 82(12); 1776-1783; 2011.

2011.

2011.

Guide Book 2011

2011.

Evaluation of the course work education employing Cognitive Behavior Therapy : M. Shirakura,  
H.Oka, T. Kamiya, F. Suehiro, M. Sugai and M. Kobayashi : The 4<sup>th</sup> Hiroshima Conference  
2011.

: Oka H : The 1<sup>st</sup> Discussion Forum to

Develop a Core Curriculum for Dental English Education 2011.

### Web

2011.

Web Life in Hiroshima

2011.

Web Study as foreign students in Hiroshima University

2011.

Web Facing Globalization Era

Leadership 2011.

Web Networking & Collaboration

2011.

GP

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2011.

Web Poster Presentation

2011.

B

LDL

F-spondin

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2011.

2011.

2011.

2011.

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2011.

2011.

<http://icdd.hiroshima-u.ac.jp/>

Supporting the International Research Exchange Program

Preparing the documents for sending the research equipment grant from Hiroshima University

Faculty of Dentistry to Airlangga University Faculty of Dentistry

---



Increased telomerase activity and hTERT expression in human salivary gland carcinomas: Shigeishi H, Sugiyama M, Tahara H, Ono S, Bhawal UK, Okura M, Kogo M, Shinohara M, Shindoh M, Shintani S, Hamakawa H, Takata T, Kamata N: *Oncology Letters*, 2, 845-850, 2011

2 2-9.

p161-174 2011

3 3-16.

p251-254 2011

23 Suppl, 78, 2011.

*Health Sciences* 27(3), 188, 2011.

60

2011

60

2011

60

2011

44

2011.

- 6 2011.
- : Age- related changes of sensory thresholds in the oro-facial region and the relationship of sensory thresholds with dysphagia:Rumi Nishimura Kaoru Yamashita Kumiko Hara Hideaki Amano Masaru Sugiyama:4th Hiroshima Conference on Education and Science in Dentistry Hiroshima ,2011
- 1
- 50 95 ,2011.
- 18 2011.
- 6 ,2011.
- 10: 6
- 11: 6
- 12: 22 ( ),2011.
- 13: 2
- 50
- 95 ,2011.

14

54

2011

15 A study on key factors for good facial profiles in cases of skeletal class III malocclusion treated by two-jaw surgery Tamura A, Kaku M, Sugiyama M, Motokawa M, Shimazu A, Amano H, Kawata T, Tanne K rd International Workshop on BioDental Education & Research 2011

16

56

2011.

17

20

2011.

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2011. 11. 10.

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2011.8.31.

2011.9.15.

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2011.8.25

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HIV

Standard Precautions

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15-16.

C

23593029 200



43(1), 1-8, 2011. 06

Topical application of *Aggregatibacter actinomycetemcomitans* cytolethal distending toxin induces cell cycle arrest in the rat gingival epithelium *in vivo*. Ohara M, Miyauchi M, Tsuruda K, Takata, T, Sugai, M. J Periodont Res, 46, 389-395, 2011.

Sporadic isolations of a multi-drug resistant *Pseudomonas aeruginosa* clone during a 14-month epidemic in a general hospital in Hiroshima. S. Kouda, Y. Fujiue, Y. Watanabe, M. Ohara, S. Kayama, F. Kato, J. Hisatsune, K. Tsuruda, A. Matsubara, M. Doi, M. Kuwabara, M. Sugai. Infection, 39, 247-253, 2011.

23(1) 27-32 2011

B

C

MANUAL FOR ORAL CARE The Japanese Society of Oral Care *Gargling* 30. Gargling :  
kumi ko Hara: Quintessence Publishing Co., Ltd. (Tokyo), 100-102, 2011.

D

E

of 'dental hygiene process' into dental hygiene education in Japan

30

2011. 7. 16-17

44

2011. 6. 11

44

2011. 6. 11 ]

CdtC-induced processing of membrane-bound CdtA is a crucial step in complex formation of CDT holotoxin. Keiko Tsuruda, Motoyuki Sugai. International Union of Microbiological Societies 2011 Congress (Sapporo, Japan), 2011. 9. 6-10

2011. 9. 24-25

2011. 9. 24-25

2011. 9. 24-25

Age- related changes of sensory thresholds in the oro-facial region and the relationship of sensory thresholds with dysphagia Rumi Ni shi mura Kaoru Yamashi ta Kumi ko Hara Hi deaki Amano Masaru Sugi yama 4th Hi roshi ma Conference on Education and Science in Dentistry 2011. 10. 9-10

- 10 Complex formation mechanism of CDT holotoxin of *Aggregatibacter actinomycetemcomitans*: Mao Tanaka, Keiko Tsuruda, Oranart Matangkasombut, Masaru Ohara, Motoyuki Sugai: 4th Hiroshima Conference on Education and Science in Dentistry 2011.10.9-10

11

95

50

2011. 11. 13

12

95

50

2011. 11. 13

13

49

2011. 11. 28.

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2011. 11. 29.

15

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2011. 12. 3-4

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2011. 12. 3-4

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2011. 2. 10.

2011. 2. 20.

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10 Dental Hygienist Oral Health Manager -

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2008. 1. 1

2004. 4

1993. 9

2009. 1

2010. 9



Bovine milk fermented with *Lactobacillus rhamnosus* L8020 decreases the oral carriage of mutans streptococci and the burden of periodontal pathogens: Ni kawa H., Tomiyama Y., Hiramatsu M., Yushi ta K., Takamoto Y., Ishi H., Mi mura S., Hi yama A., Sasahara

H., Kawahara K., Maki hira S., Satoda T., Takemoto T., Murata H., Mine Y., Taji T. :  
Journal of Investigative and Clinical Dentistry, 2(3), 187-196, 2011.

43(1)

51-56 2011.

:

2011.

44

2011

,

22

2011

30

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Vol. 5 No. 2 Vol. 6 No. 1 2011.

2011

( (C) ) : ,  
23593090 1,400

( (C) ) : ,  
21592649 500

( ) 2008

5(1) 57-66 2010.



3D

30 3 pp. 202-206 2011

Bovine milk fermented with *Lactobacillus rhamnosus* L8020 decreases the oral carriage of mutans streptococci and the burden of periodontal pathogens: Hiroki Nikawa, Yu Tomiyama, Minako Hiramatsu, Kaori Yushita, Yuko Takamoto, Hitomi Ishi, Sumiyo Mimura, Aya Hiyama, Hisako

174 , 2007

207 2008 .

88

116

2011.3

10

2011.9

33

2011.10.

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30(3) 202-206 2011

Development of a system that evaluates abutment teeth for dental CAD/CAM: Takeshi MURAYAMA, Mana KAWAKAMI, Kozue MIYAMOTO, Toru EGUCHI, Mitsuhiro TAMAMOTO: Proceedings of the 3rd International Symposium on Digital Manufacturing 2011, 341-346, 2011.

A Method of Constructing Cooperative Work Groups for Concurrent Engineering: Takeshi MURAYAMA, Toru EGUCHI, Akira OGAWA: Proceedings of the 3rd International Symposium on Digital Manufacturing 2011, 410-415, 2011.

An Approach of Estimation of Distribution Algorithm for Job Shop Scheduling: Toru Eguchi, Masahiro Fujimoto, Takeshi Murayama: Proceedings of the 3rd International Symposium on Digital Manufacturing 2011, 101-106, 2011.

B

C

D

E

CAD/CAM

23

No. 10-74 , 575-576 2011.

2011

No.11-7 49-50

2011

2011

2011

Development of a system evaluating abutment teeth for CAD/CAM: Mana KAWAKAMI, Takeshi MURAYAMA, Kozue MIYAMOTO, Toru EGUCHI, Mitsuhiro TAMAMOTO: 59th Annual Meeting of Japanese Association for Dental Research (Hiroshima) 2011

2011

- 2011

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- 2011

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3

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Development of a system that evaluates abutment teeth for dental CAD/CAM: Takeshi MURAYAMA, Mana KAWAKAMI, Kozue MIYAMOTO, Toru EGUCHI, Mitsuhiro TAMAMOTO: The 3rd International Symposium on Digital Manufacturing 2011(Kokura) 2011

A Method of Constructing Cooperative Work Groups for Concurrent Engineering: Takeshi MURAYAMA, Toru EGUCHI, Akira OGAWA: The 3rd International Symposium on Digital Manufacturing 2011(Kokura) 2011

An Approach of Estimation of Distribution Algorithm for Job Shop Scheduling: Toru Eguchi,



( )

- 1 Bovine milk fermented with *Lactobacillus rhamnosus* L8020 decreases the oral carriage of mutans streptococci and the burden of periodontal pathogens. : Nikawa H, Tomiyama Y, Hiramatsu M, Yushita K, Takamoto Y, Ishi H, Mimura S, Hiyama A, Sasahara H, Kawahara K, Makihira S, Satoda T, Takemoto T, Murata H, Mine Y, Taji T. : Journal of Investigative and Clinical Dentistry 2:1-10. 2011
- 2 Growth factor-defined culture medium for human mesenchymal stem cells. : Mimura S, Kimura N, Hirata M, Tateyama D, Hayashida M, Umezawa A, Kohara A, Nikawa H, Okamoto T, Furue MK. : Int J Dev Biol. 55:181-7. 2011
- 3 Characteristics of High Molecular Weight Hyaluronic Acid as a BDNF Scaffold in Periodontal Tissue Regeneration. Takeda K, Sakai N, Shiba H, Nagahara T, Fujita T, Kajiya M, Iwata T, Matsuda S, Kawahara K, Kawaguchi H, Kurihara H. : Tissue Eng Part A. 17:955-67. 2011
- 4 Evaluation of trabecular bone formation in a canine model surrounding a dental implant fixture immobilized with an antimicrobial peptide derived from histatine. : Makihira S, Nikawa H, Shuto T, Nishimura M, Mine Y, Tsuji K, Okamoto K, Sakai Y, Sakai M, Imari N, Iwata S, Takeda M, Suehiro F. : Journal of Materials Science: Materials in Medicine 22:2765-72. 2011
- 5 Blocking of Sodium and Potassium Ion-dependent Adenosine Triphosphatase- $\alpha$ 1 with Ouabain and Vanadate Suppresses Cell-Cell Fusion during RANKL-mediated Osteoclastogenesis. : Makihira S, Nikawa H, Kajiya M, Kawai T, Mine Y, Kosaka E, Silva MJ, Tobiume K, Terada Y. : European Journal of Pharmacology 670:409-18. 2011
- 6 *In silico* construction of orthodontic setup model. : Kihara T, Tanimoto K, Michida M, Yoshimi Y, Nagasaki T, Murayama T, Tanne K, Nikawa H. : American Journal of Orthodontics & Dentofacial Orthopedics *in press*



3:

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4:

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- 23: 33 2011
- 24: *Lactobacillus rhamnosus* 33  
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- 25: 3 33  
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- 26: 33  
2011
- 27: 33  
2011
- 28: 33 2011
- 29: Chemically Defined Serum-Free Medium for Undifferentiated Human Mesenchymal Stem Cells :  
Mimura S, Kimura N, Hirata M, Tateyama D, Hayashida M, Kohara A, Okamoto T, Nikawa H,  
Furue M The 59th Annual Meeting of Japanese Association for Dental Research (Hiroshima), 2011
- 30: Evaluation of physical properties of commercially artificial saliva : Okura E Nikawa H, Ishii H  
Takamoto Y Takayama Y : 4th Hiroshima Conference on Education and Science in Dentistry  
(Hiroshima), 2011
- 31: Evaluation of antibacterial activity of commercial artificial saliva : Ishii H Okura E Takamoto Y  
Takayama Y Nikawa H 4th Hiroshima Conference on Education and Science in Dentistry  
(Hiroshima), 2011
- 32: Effects of biomimetic diamond-like carbon coated titanium on the differentiation of osteoblast and  
osteoclast cells Iwata S, Makihira S, Nikawa H, Taji T, Mine Y, Takahagi T, Okamoto K : 4th  
Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011

- 33: Bacteriocins of *Lactobacillus rhamnosus* L8020 inhibits *Porphyromonas gingivalis* lipopolysaccharide-induced pro-inflammatory cytokine secretion in murine : Kurose M, Mine Y, Tomiyama Y, Taji T, Kawahara K, Sasahara H, Sasaki M, Nikawa H 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011
- 34: How many tooth-related genes are there in shark genome? : Shinkawa M, Nikawa H Ohara M Makihira S Kawahara K 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011
- 35: Fungicidal effect of novel antimicrobial peptides derived from *Lactobacillus rhamnosus* L8020 : Takamoto Y, Nikawa H, Takayama Y, Okura E, Ishii H, Taji T, Uchida T : 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011
- 36: Immobilization of antimicrobial agent Et-QAC on the surface of denture acrylics and its evaluation of anticandidal activity : Takayama Y, Takamoto Y, Okura E, Ishii E Nikawa H 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011
- 37: The effect of bacteriocins derived from *Lactobacillus rhamnosus* against oral pathogens : Tomiyama Y, Hiyama A, Kurose M, Taji T, Kawahara K, Sasahara H, Sasaki M, Nikawa H : 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011
- 38: Application of immobilizing disinfectant to the hydroxyapatite : Hiramatsu M Takamoto Y Okura E Ishii H Takayama Y Nikawa H 4th Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011
- 39: 60 ( ) 2011
- 40: 60 ( ) 2011
- 41: 6 1 28 ( ) 2011
- 42: CBCT D 70 & 4 2011



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- 1. 4810150 : 2005 7 22 23 8 26
- 2. 4745750 : 2005
- 3. 23 5 20 4817335
- 4. 4830075 2005 9 26 23 9 9
- 5. 12 25 4848484 23 9 30 : 2008
- 6. 23 10 28 4848519 :2011 1 18
- 4 23 10 28 2006 10
- 1: 2011-027882 23 2 10
- 2: 2011-214801 TB 23 9 29

**2011**

1: 5394691 2011 3 4 Etak 1 3 2010-055149  
2010 7 13 8250315 : 23 4  
28 : 23 8 21

---

( )

1 :

2 :

- 1: Proteome analysis of proteins related to aggressive periodontitis combined with neutrophil chemotaxis dysfunction: Mizuno N., Niitani M., Shiba H., Iwata T., Hayashi I., Kawaguchi H., Kurihara H.:  
Journal of Clinical Periodontology, 38, 310-317, 2011.
- 2: Characterization of Lytic Enzyme Open Reading Frame 9 (ORF9) Derived from *Enterococcus faecalis* Bacteriophage EF24C : Uchiyama J., Takemura I., Hayashi I., Matsuzaki S., Sugai M., Daibata M. : Applied and Environmental Microbiology, 77(2), 580-585, 2011.

- 1: - -epigallocatechin gallate  
4  
2011.
- 2: The autolysin IspC acts as an N-acetylglucosaminidase in *Listeria monocytogenes* serotype 4b.  
Ronholm J., Cao X., Hayashi I., Sugai M., Lin M: CSM Conference 2011
- 3: SKIP, a versatile cell wall protein of *S.aureus* causing severe skin diseases: Sugai M., Hisatsune J.,  
Murakami T., Kojima T., Hayashi I., Kato F.: XIII International Congress of Bacteriology and Applied  
Microbiology (Sapporo) 2011
- 4: SKIP, a trojan horse of *staphylococcus aureus* causing severe impetigo/SSSS: Hisatsune J., Murakami  
T., Hayashi I., Kato F., Sugai M.: XIII International Congress of Bacteriology and Applied  
Microbiology (Sapporo) 2011
- 5: *Staphylococcus aureus*: Skip  
.: 34 2011
- 6 Nucleolar protein nucleolin could function for DNA damage response through chromatin modification:  
Kobayashi J., Fujimoto H., Hayashi I., Komatsu K.: Gordon Research Conference Mammalian DNA  
Repair (Ventura) 2011.

1: Aml  
(No. 23592702), ¥2,860,000

---

2011 3

2011 4

2011 4

2011 2

Sporadic isolations of a multi-drug resistant *Pseudomonas aeruginosa* clone during a 14-month epidemic in a general hospital in Hiroshima.: Kouda S, Fujiue Y, Watanabe Y, Ohara M, Kayama S, Kato F, Hishitsune J, Tsuruda K, Matsubara A, Doi M, Kuwabara M, Sugai M.: *Infection*, 39,247-253, 2011.

Topical application of *Aggregatibacter actinomycetemcomitans* CDT induces cell cycle arrest in the rat gingival epithelium in vivo. : Ohara M, Miyauchi M, Tsuruda K, Takata T, Sugai M. : *J Periodont Res*, 46, 389-395, 2011.

: Additive effects of orexin B and vasoactive intestinal polypeptide on LL-37-mediated antimicrobial activities. : Ohta K, Kajiya M, Zhu T, Niishi H, Mawardi H, Shin J, Elbadawi L, Kamata N, Komatsuzawa H, Kawai T. : *J Neuroimmunol*, 233, 37-45, 2011.

A case of SAPHO syndrome with diffuse sclerosing osteomyelitis of the mandible treated successfully with prednisolone and bisphosphonate. : Hatano H, Shigeishi H, Higashikawa K, Shimasue H, Niishi H, Oiwa H, Shindo H, Takechi M, Ohge H, Kamata N. : *J Oral Maxillofac Surg*, 2011.

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30

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40			2011	
2		MEDC		
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23	1		OSCE	
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22	2			Advanced OSCE, 2011.
23	1			Advanced OSCE, 2011.

B Toll-like receptor

23792346. 1,600

C

23520509. 400



2  
3  
4

1: Caries prevalence associated with *Streptococcus mutans* and *Streptococcus sobrinus* in Japanese schoolchildren. Okad, M., Kawamura, M. Oda, Y., Yasuda, R., Kojima, T., Kurihara, H. *International Journal of Paediatric Dentistry* (in press), 2011.

---

2011

PBL

Caries prevalence associated with *Streptococcus mutans* and *Streptococcus sobrinus* in Japanese schoolchildren: Okada M, Kawamura M, Oda Y, Yasuda R, Kojima T, Kurihara H: Int J Paediatr Dent. 2012 Jan 8. doi: 10.1111/j.1365-263X.2011.01203.x. [Epub ahead of print]





- 1.
2. Electropalatography(EPG)
- 3.
- 4.

A

Mahmud UZ

Zaman 51 33-38 2011.

Irradiation Effect on Osteoclastogenesis Stimulated by Breast Cancer Cell Sawajiri  
M, Nomura Y., Nishikiori R., Banik S., Sonoda Y., Tanimoto K. Health Physics  
101(3) 259-264 2011.

, 67(6), 673-678, 2011

C

Groher Crary

M. Groher, M. Crary

:

chapter 10, 189-214, 2011

, 62-68, 2011

## E

16 : 2011

Two cases of bisphosphonate-related osteomyelitis of the mandible with solid type periosteal

reaction Zaman M., Nakamoto T. Suei Y. Tanimoto K. 4th Hiroshima Conference on Education and Science in Dentistry 2011.

Relationship among lamina dura or alveolar crest thickening and bisphosphonate-related

osteomyelitis of the jaw Zaman M. Nakamoto T. Suei Y. Tanimoto K. 31 2011.

54 2011

Important technical parameters are not presented in studies on intra oral radiography in endodontic treatment Results of a systematic review: Konishi M. Lindh C. Nilsson M. Tanimoto K. Rohlin M.: 18th International Congress of Dento-maxillofacial Radiology(Hiroshima) 2011

Contrast agents used in the videofluoroscopic swallowing study: Konishi M. Nagasaki T. Yasuhara Y. Tanimoto K.: 18th International Congress of Dento-maxillofacial Radiology(Hiroshima) 2011

Visualization of Rice Swallowing: Konishi M. Nagasaki T. Yasuhara Y. Tanimoto K.: 2th Joint Scientific meeting in Dentistry (Surabaya), 2011

**2011**

Are freeze infusion of root vegetables suitable as a dysphagia diet? Nagasaki T,  
Konishi M, Hirai T, Kimura H, Yasuhara A, Kayashita J, Nakamura S, Sakamoto H,  
Tanimoto T Dysphagia Research Society 19<sup>th</sup> Annual Meeting San Antonio, USA  
2011





: - -  
23 50-58, 2011.

: WHO 2005 - -  
57, 486-492, 2011.

: '11.  
144-150, 2011.

: DH  
DHstyle 5(9) 66-70, 2011.

: DH  
DHstyle 5(12) 62-66, 2011.

: F-spondin promotes the differentiation of human periodontal ligament cells: Kitagawa M., Miyauchi M., Takata T.: The 4<sup>th</sup> Hiroshima Conference on Education and Science in Dentistry (Hiroshima), 2011.

: - -  
44 2011.

: :  
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50 95  
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10(1):23-29, 2011.

43(1):57-60,2011.

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43(1):61-65, 2011.

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43(2):130-133,2011.

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