

■ ***Airlangga University, Indonesia***

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The Need of installing an Oral Health Service in HIV/AIDS Care Unit of Soetomo Hospital Surabaya Indonesia

**D. Radithia, B. Soebadi, H.T. Hendarti and E.A. Triyono**

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Evaluation of treatment results using the Index of orthodontic Treatment Need

**T. Hamid**

■ ***Astana Medical University, Kazakhstan***

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The perspectives of national reforms and conception in medical education in Kazakhstan

**A.Z. Zhumadilova, A.M. Eslyamgalieva, R.A. Erkebai and Z.S. Zhumadilov**

■ ***Chulalongkorn University, Thailand***

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Pressure under denture bases using denture teeth with different cuspal angulations

**T. Phunthikaphadr, H. Takahashi and M. Arksornnukit**

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Adipose-derived mesenchymal stem cells: isolation, characterization and their application for bone tissue engineering in combination with polycaprolactone/ hydroxyapatite composite scaffolds.

**T. Osathanon, B. Chuenjitkuntaworn, P. Sastravaha and P. Pavasant**

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The evaluation of chewing ability by locally developed wax cubes

**K. Prapatrungsri, A. Petsom and O. Kaewplung**

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Acemannan induces proliferation, alkaline phosphatase activity, osteopontin expression and mineral deposition in cementoblast.

**P. Thanyakitpisal, D. Sahawat, S. Kanthasuwan and T. Takata**

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Cytotoxic Distending Toxin from *Aggregatibacter actinomycetemcomitans* induces DNA damage, S/G2 cell cycle arrest and caspase-independent death in budding yeast model.

**O. Matangkasombut, R. Wattanawaraporn, K. Tsuruda, M. Ohara,  
M. Sugai and S. Mongkolsuk**

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Remineralization of artificial enamel lesions with a novel fluoride gel: an in situ study

**S. Chongvisal and T. Limruangroj**

■ **University of Hong Kong, China**

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Bone morphogenic protein 2 gene transfer through recombinant adeno-associated virus-2 enhances osteogenic activity of rabbit bone marrow derived stem cells

J. Ke, L. Zheng and L.K. Cheung

■ **International Medical University, Malaysia**

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Biopsychosocial predictors of Temporomandibular Disorder (TMD) treatment outcome.

S.P. Khoo, A.U.J. Yap and Y.H. Chan

■ **Kaohsiung Medical University, Taiwan**

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Cryopreservation of dental pulp and subsequent derivation of dental pulp stromal/stem cells on different permanent tooth types

A. Huang and H. Cheng

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Molecular mechanism (s) of dendritic cell-derived osteoclasts in inflammation-induced bone loss

L.Y. Huang, Y.C.G. Liu, M. Alnaeeli and A.Y.T. Teng

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KLK6/KLK7/KLK10 protein expression and oral squamous cell carcinoma risk in southern Taiwan

Y.Y. Wang and T.Y. Shieh

■ **Khon Kaen University, Thailand**

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An in vitro study of microleakage of glass ionomer restorative materials: Ketac N100™, GC Fuji Filling™ LC and Fuji IX GP™; in primary molars

P. Taburan, K. Sukjit, K. Kijshawong, N. Jantavee and S. Chatchaiwiwatana

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Prevalence and characteristics of zygomatic air cell defect in Thai population

P. Sutthiprapaporn

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A comparative study of topical analgesic effect between *Spilanthes acmella* Murr. extract and 20% Benzocaine gel

T.P. Jorns, C. Yenjai, J. Peerapatana, C. Sontornsawat,

R. Prajantasen and S. Gukamoo

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Effects of manganese on the acidogenicity and aciduricity of *Streptococcus mutans* in anaerobic condition

P. Phajongviriyatorn, P. Supakul, P. Sujinpram and S. Luengpailin

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A clinico-pathological analysis of salivary gland tumours in the Faculty of Dentistry,  
Khon Kaen University, Thailand: the 17-year experience.

**P. Klanrit, A. Subarnbhesaj and P. Chaiyarit**

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In situ effects of manganese in green tea beverage on enamel demineralization and dental biofilm composition

**W. Pichaiakrit and S. Luengpailin**

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Three-dimensional scaffold from Thai silk fibroin by solvent casting and particulate leaching technique for tissue engineering.

**T. Damrongrungrung and W. Sangsirinakagul**

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Shear bond strength of sealant in permanent enamel: Phosphoric acid versus self-etching adhesive

**A. Rattanacharoenthum, N. Luangchosiri and P. Nitivoranan**

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Effects of mouthguard and CPP-ACP on surface of human dental enamel  
after exposing to chlorinated water *in vitro*

**K. Kitsahawong and S. Kitsahawong**

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Epidemiology of periodontitis in a Laotian adult population with limited access to dental care.

**V. Phounsiri, N. Wara-Aswapati Charoen, W. Weraarchakul and W. Pitiphat**

■ ***University of Malaya, Malaysia***

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Effects of CPP-ACP on the anti-cariogenic parameters of saliva

**A. Venkiteswaran, H.A. Awang and Z.H.A. Rahim**

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Prognostic significance of sub-epithelial endothelial cell density in oral leukoplakia

**E.A.A.P. Amaratunga, U.B. Dissanayake and E.A.P.D. Amaratunga**

■ ***Sun Yat-Sen University, China***

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Biomimetic remineralization prevents degradation of resin-dentin bonds

**S. Mai, J.Q. Ling, D.H. Pashley and F.R. Tay**

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Influences of magnetic cryopreservation on the dental pulp stem cells

**P.C. Chiang, H.M. Huang and S.Y. Lee**

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Investigation on disc position of the temporomandibular joint in asymptomatic volunteers by magnetic resonance imaging

J. Zhang, X.C. Ma and Z. Jin

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Effects of DR<sub>DM</sub> on the differentiation of human alveolar bone marrow-derived mesenchymal stromal cells

B.S. Kim, S.H. Pi, H.S. Shin and H.K. You

■ *Niigata University, Japan*

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Bone augmentation with  $\beta$ -tricalcium phosphate and a thermoplastic bioresorbable plate: a histological study in rat

T. Kojima, N. Amizuka, A. Suzuki, M. Yoshizawa and C. Saito

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Osteoclastic presence is essential for osteoblastic activity: a histological study in osteopetrotic (op/op) mice and c-src deficient (c-src<sup>-/-</sup>) mice

N. Sakagami, N. Amizuka, M. Li, K. Takeuchi, H. Nakamura,  
N. Udagawa and T. Maeda

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Regeneration of oral mucosa by tissue engineered oral mucosa grafts on athymic mice

M. Yoshizawa, T. Koyama, T. Kojima, H. Kato, K. Niimi and C. Saito

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Periodontal regeneration in tooth autotransplantation with application of autologous platelet-rich plasma (PRP)

K. Niimi, M. Yoshizawa, T. Koyama, N. Izumi, Y. Ono, D. Hasebe and C. Saito

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Biocompatibility evaluation of Strontium-substituted apatite cement

K. Sekine, K. Hamada, E. Uyama, K. Yamashita, F. Kawano and K. Asaoka

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Angiotensin II is involved in the loading signal in stretched human PDL cells.

S. Monnouchi

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Bone augmentation by onlay implant using porous chitosan /HAP nanocomposites with rhBMP-2 on rat parietal bone

H. Kashiwazaki, N. Harada, T. Iizuka, M. Demura, T. Aizawa, M. Murata,  
J. Tanaka and N. Inoue

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Eruption and occlusal function of a bioengineered tooth germ in adult oral environment

E. Ikeda, K. Nakao, R. Morita, K. Ishida, T. Nakamura, M. Ogawa,  
T. Takano-Yamamoto, S. Kasugai and T. Tsuji

■ *Tokyo Medical and Dental University, Japan*

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Bone regenerative therapy using cell-printed amniotic membrane

J. Tsugawa, M. Komaki, K. Nakamaha, T. Amagasa and I. Morita

■ *Osaka University, Japan*

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Transcriptomic regulation of antifungal resistant genes in *Candida albicans* and its hyphal mutants

T. Watamoto, C. J. Seneviratne, H. Egusa, H. Yatani and L.P. Samaranayake

■ *Hiroshima University, Japan*

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Consideration of endocrine disrupting activities of ultraviolet light absorbers in dental composite resins

T. Hayashida, Y. Nomura, R. Nishikiori, I. Hirata and M. Okazaki

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The N-terminal cell wall targeting domain of Aml confers substrate selectivity on cariogenic streptococci

P. Thanyasrisung, I. Hayashi, T. Fujiwara and M. Sugai

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The regulation mechanism of Exfoliative Toxin A mediated by transcriptional

Regulator, Sar family

K. Bunai, F. Kato, Y. Iwamoto and M. Sugai

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Regeneration of bone by ameloblastin

S. Iizuka, M. Kitagawa, Y. Kudo, I. Ogawa, M. Miyauchi and T. Takata

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Heparin derivative induces bone regeneration

H. Imai, S. Iizuka, M. Miyauchi and T. Takata

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Influence of elevation of GGT by cholestatic liver disease on bone and LPS induced alveolar bone destruction

**Y. Kawazoe, M. Miyauchi and T. Takata**

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A novel periodontal tissue regenerative therapy using bone marrow mesenchymal stem cells and  $\beta$ -tricalcium phosphate.

**T. Nagahara, H. Kawaguchi, K. Takeda, T. Fujita, K. Hayashida, K. Kawahara,  
T. Ueda, K. Tsuji and H. Kurihara**

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Preventive effect of irsogladine maleate for periodontal disease

**A. Kishimoto, T. Fujita, H. Shiba, K. Hayashida, Y. Uchida,  
H. Kawaguchi and H. Kurihara**

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Brain-derived neurotrophic factor (BDNF) enhances angiogenesis through ERK signaling.

**S. Matsuda, T. Fujita, M. Kajiya, K. Takeda, H. Shiba,  
H. Kawaguchi and H. Kurihara**

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Dentin sialoprotein and dentin phosphoprotein have distinct roles in dentin mineralization

**S. Suzuki and F. Nishimura**

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The use of serum-free medium STK2 in cultures of human dental pulp cells

**S. Fujii, K. Fujimoto, S. Jinchang, F. Nishimura and Y. Kato**

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Effect of recombinant human amelogenin on the proliferation of cementoblasts and periodontal ligament cells

**R. Kunimatsu, K. Tanimoto, N. Tanaka, Y. Tanne, T. Kamiya, S. Ohkuma,  
Y.C. Huang, M. Yoshioka, T. Mitsuyoshi, M. Miyauchi, T. Takata and K. Tanne**

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A new method of tooth restoration using teeth bank and homogenous teeth fragments

**S. Kojima, T. Kawata, M. Kaku, M. Motokawa, T. Kamiya, H. Koseki,  
S. Abedini and K. Tanne**

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Regeneration of maxillary bone with mesenchymal stem cells for the treatment of jaw cleft

**M. Yoshioka, K. Tanimoto, N. Tanaka, Y. Tanne, K. Sumi, Y. Kato,  
M. Sugiyama and K. Tanne**

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Effects of amelogenins on the proliferation of human mesenchymal stem cells and the possible intracellular mechanisms

**Y.C. Huang, K. Tanimoto, N. Tanaka, Y. Tanne, T. Kamiya, S. Okuma,  
R. Kunimatsu, M. Yoshioka, M. Michida, T. Mitsuyoshi, Y. Kato and K. Tanne**

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Anti-inflammatory effects of soybean lecithin liposomal lactoferrin

**A. Kawazoe, M. Miyauchi, T. Inubushi, B.E. Rego, E. Yamano, A. Ishikado,  
K. Tanne and T. Takata**

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Possibility of possessing more than one strain of *Streptococcus mutans* post initial acquisition in children

**U. Tedjosongko and K. Kozai**