

研究業績 2010 年度

硬組織疾患制御再建学講座

硬組織形態解析学ユニット

- Nakano K, Muraoka R, Tomida M, Matsuura S, Okafuji N, Siar CH and Kawakami T (2010) Possibility of odontoblasts activity up-regulation due to orthodontic mechanical stress in mice. *J Hard Tissue Biol* 19:13-6.
- Nakano K, Siar CH, Tomida M, Matsuura S, Tsujigiwa H, Nagatsuka H and Kawakami T (2010) Immunohistochemical observation of Notch signaling in a case of calcifying cystic odontogenic tumor. *J Hard Tissue Biol* 19:147-52.
- Moriyama K, Watanabe S, Iida M and Sahara N (2010) Plate-like permanent dental laminae of upper jaw dentition in adult gobiid fish, *Sicyopterus japonicus*. *Cell Tissue Res* 340:189-200.
- Aoki S, Honma M, Kariya Y, Nakamichi Y, Ninomiya T, Takahashi N, Udagawa N and Suzuki H (2010) Function of OPG as a traffic regulator for RANKL is crucial for controlled osteoclastogenesis. *J Bone Miner Res* 25:1907-21.
- Tanaka K, Tanaka S, Sakai A, Ninomiya T, Arai Y and Nakamura T (2010) Deficiency of vitamin A delays bone healing process in association with reduced BMP2 expression after drill-hole injury in mice. *Bone* 47:1006-12.
- Nakamura H, Yukita A, Ninomiya T, Hosoya A, Hiraga T and Ozawa H (2010) Localization of Thy-1-positive cells in the perichondrium during endochondral ossification. *J Histochem Cytochem* 58:455-62.
- Hiraga T, Ninomiya T, Hosoya A and Nakamura H (2010) Administration of the bisphosphonate Zoledronic Acid during tooth development inhibits tooth eruption and formation, and induces dental abnormalities in rats. *Calcified Tissue Int* 56:502-10.
- Hosoya A, Ninomiya T, Hiraga T, Yoshida K, Yoshida N, Kasahara E, Ozawa H and Nakamura H (2010) Potential of periodontal ligament cells to regenerate alveolar bone. *J Oral Biosci* 52:72-80.

硬組織機能解析学ユニット

- Takahashi N, Muto A, Arai A and Mizoguchi T (2010) Identification of cell cycle-arrested quiescent osteoclast precursors in vivo. *Adv Exp Med Biol* 658:21-30.
- Aoki S, Honma M, Kariya Y, Nakamichi Y, Ninomiya T, Takahashi N, Udagawa N and Suzuki H (2010) Function of OPG as a traffic regulator for RANKL is crucial for controlled osteoclastogenesis. *J Bone Miner Res* 25:1907-21.
- Lee JW, Kobayashi Y, Nakamichi Y, Udagawa N, Takahashi N, Im NK, Seo HJ, Jeon WB, Yonezawa T, Cha BY and Woo JT (2010) Alisol-B, a novel phyto-steroid, suppresses the RANKL-induced osteoclast formation and prevents bone loss in mice. *Biochem Pharmacol* 80:352-61.
- Koide M, Kinugawa S, Takahashi N and Udagawa N (2010) Osteoclastic bone resorption induced by

innate immune responses. *Periodontology* 2000 54:235-46.

Naruse K, Fukuda M, Hasegawa H, Yagami K and Udagawa N (2010) Advanced alveolar bone resorption treated with implants, guided bone regeneration, and synthetic grafting: a case report. *Implant Dent* 19:460-7.

吉田貴光,山添正稔,田村 郁,溝口利英,柏原建記,永沢 栄,伊藤充雄 (2010) 表面処理したジルコニアインプラント材の機械的性質と溶出について. *歯科材料・器械* 29:139.

硬組織発生・再生工学ユニット

Nakamura H, Yukita A, Ninomiya T, Hosoya A, Hiraga T and Ozawa H (2010) Localization of Thy-1-positive cells in the perichondrium during endochondral ossification. *J Histochem Cytochem* 58:455-62.

Hiraga T, Ninomiya T, Hosoya A and Nakamura H (2010) Administration of the bisphosphonate zoledronic acid during tooth development inhibits tooth eruption and formation, and induces dental abnormalities in rats. *Calcif Tissue Int* 86:502-10.

Hosoya A, Kwak S, Kim EJ, Lunny DP, Lane EB, Cho SW and Jung HS (2010) Immunohistochemical localization of cytokeratins in the junctional region of ectoderm and endoderm. *Anat Rec (Hoboken)* 293:1864-72.

Hosoya A, Ninomiya T, Hiraga T, Yoshida K, Yoshida N, Kasahara E, Ozawa H and Nakamura H (2010) Potential of periodontal ligament cells to regenerate alveolar bone. *J Oral Biosci* 52:72-80.

Lee KS, Lee YS, Lee JM, Ito K, Cinghu S, Kim JH, Jang JW, Li YH, Goh YM, Chi XZ, Wee H, Lee HW, Hosoya A, Chung JH, Jang JJ, Kundu JK, Surh YJ, Kim WJ, Ito Y, Jung HS and Bae SC (2010) Runx3 is required for the differentiation of lung epithelial cells and suppression of lung cancer. *Oncogene* 29:3349-61.

Zhao C, Kurita H, Kurashina K, Hosoya A, Arai Y and Nakamura H (2010) Temporomandibular joint response to mandibular deviation in rabbits detected by 3D micro-CT imaging. *Arch Oral Biol* 55:929-37.

Hirata A, Tsuji, T, Imura H, Yamada T, Ueno T, Mishima K, Natsume N, Sugahara T, Koga Y, Takano K and Nakamura H (2010) Localization of the HOXC homeobox gene family during palate formation in mice. Selected papers from the XX Congress of the European Association of Cranio-Maxillo-Facial Surgery, 415-20.

遺伝子工学・分子創薬学ユニット

Osawa M, Yamakura F, Mihara M, Okubo Y, Yamada K and Hiraoka BY (2010) Conversion of the metal-specific activity of *Escherichia coli* Mn-SOD by site-directed mutagenesis of Gly165Thr. *Biochim Biophys Acta* 1804:1775-9.

Fukasawa KM, Hirose J, Hata T and Ono Y (2010) In rat dipeptidyl peptidase III, His568 is essential for catalysis, and Glu507 or Glu512 stabilizes the coordination bond between His455 or His450 and zinc

ion. Biochim. Biophys. Acta 1804:2063-9.

Osawa M, Mihara M, Kikuchi Y, Okubo Y, Yamada K, Hirai K and Hiraoka BY (2010) Immunoassay based on a polyclonal antibody for the quantification of *Porphyromonas gingivalis* SOD:a preliminary report. 松本歯学 36:1-6.

Ara T, Hattori T, Imamura Y, and Wang PL (2010) Development of the novel therapy for oral diseases using Kampo medicines. J Oral Biosci 52:100-6.

Ara T, Honjo K, Fujinami Y, Hattori T, Imamura Y and Wang PL (2010) Preventive effects of a Kampo medicine, orento on inflammatory responses in lipopolysaccharide-treated human gingival fibroblasts. Biol Pharm Bull 33:611-6.

Aoki H, Imamura Y, Ouryouji K, Miyazawa H and Wang PL (2010) Genetic polymorphism of the salivary mucin gene MUC7 in severe caries in Japanese pediatric patients. Pediatr Dent J 20:152-7.

Nakazono Y, Ara T, Fujinami Y, Hattori T and Wang PL (2010) Preventive effects of a Kampo medicine, hangeshashinto on inflammatory responses in lipopolysaccharide-treated human gingival fibroblasts. J Hard Tissue Biol 19:43-50.

瀧澤 努, 藤波義明, 荒 敏昭, 今村泰弘, 宮澤裕夫, 王 宝禮 (2010) 高速液体クロマトグラフィーによる漢方エキス製剤と煎薬の成分比較研究. 日本歯科東洋医学会誌 29:24-7.

王 宝禮, 荒 敏昭, 伊藤公一, 高橋裕子 (2010) 歯学部・歯科衛生士学校における喫煙・禁煙教育の調査. 禁煙科学 3:41-53.

廣瀬順造, 秦 季之, 深澤加與子 (2010) 酵素反応速度論と計算化学の相補的利用による酵素反応機構の解析. 福山大学 薬学部研究年報 28:1-22.

硬組織疾患病態解析学ユニット

Kawakami T, Nakano K, Shimizu T, Watanabe T, Muraoka R, Kimura A and Hasegawa H (2010) Chapter6:Immunohistochemical basis for orthodontic treatment. In Fuchs S and Auer M Ed:Biochemistry and Histochemistry Research Development. p117-41, Nova Science Publishers, New York, USA;Hardcover, ISBN:978-1-60876-283-5;ebook, ISBN:978-1-61668-932-2

Siar CH, Nakano K, Chelvanayagam PI, Ng KH, Nagatsuka H and Kawakami T (2010) An unsuspected ameloblastoma in the subpontic region of the mandible with consideration of pathogenesis from the radiographic course. Eur J Med Res 15:153-8.

Siar CH, Nakano K, Ng KH, Tomida M, Nagatsuka H and Kawakami T (2010) Squamous odontogenic tumor of the mandible:A case report demonstrating immunoexpression of Notch1, 3, 4, Jagged1, 2 and Delta1. Eur J Med Res 15:180-4.

Nakano K, Muraoka R, Tomida M, Matsuura S, Okafuji N, Siar CH and Kawakami T (2010) Possibility of odontoblasts activity up-regulation due to orthodontic mechanical stress in mice. J Hard Tissue Biol 19:13-6.

Ochiai T, Shibukawa Y, Nagayama M, Mundy C, Yasuda T, Okabe T, Shimono K, Kanyama M, Hasegawa H, Maeda Y, Lanske B, Pacifici M and Koyama E (2010) Indian Hedgehog roles in post-natal TMJ development and organization. J Dent Res 89:349-54.

- Otsuka N, Okafuji N, Ochiai T, Kimura A, Hasegawa H and Kurihara S (2010) Measurement of enamel width diameter as basis of stripping in orthodontic treatment. *J Hard Tissue Biol* 19:51-6.
- Siar CH, Nagatsuka H, Chuah KS, Rivera RS, Nakano K, Ng KH and Kawakami T (2010) Notch4 overexpression in ameloblastoma correlates with the solid/multicystic phenotype. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 110:224-33.
- Siar CH, Nakano K, Han PP, Nagatsuka H, Ng KH and Kawakami T (2010) Differential expression of Notch receptors and their ligands in desmoplastic ameloblastoma. *J Oral Pathol Med* 39:552-8.
- Siar CH, Ha KO, Aung LO, Nakano K, Tsujigiwa H, Nagatsuka H, Ng KH and Kawakami T (2010) Immunolocalization of Notch signaling protein molecules in a maxillary chondrosarcoma and its recurrent tumor. *Eur J Med Res* 15:456-60.
- Muraoka R, Nakano K, Kurihara S, Yamada K and Kawakami T (2010) Immunohistochemical expression of heat shock proteins in the mouse periodontal tissues due to orthodontic mechanical stress. *Eur J Med Res* 15:475-82.
- Nakano K, Siar CH, Tomida M, Matsuura S, Tsujigiwa H, Nagatsuka H and Kawakami T (2010) Immunohistochemical observation of Notch signaling in a case of calcifying cystic odontogenic tumor. *J Hard Tissue Biol* 19:147-52.
- Matsuda H, Nakano K, Muraoka R, Tomoda M, Okafuji N, Kurihara S, Yamada K and Kawakami T (2010) BMPs and related factors appearing in the mouse periodontal tissue due to orthodontic mechanical stress. *J Hard Tissue Biol* 19:153-60.
- Siar CH, Chuah KS, Nakano K, Rivera RS, Tsujigiwa H, Nagatsuka H, Ng KH and Kawakami T (2010) Immunohistochemical study of Notch signaling proteins in the calcifying epithelial odontogenic tumor (Pindborg tumor). *J Hard Tissue Biol* 19:167-74.
- Murata M, Kawai T, Kawakami T, Akazawa T, Tazaki J, Ito K, Kusano K and Arisue M (2010) Human acid-insoluble dentin with BMP-2 accelerates bone induction in subcutaneous and intramuscular tissues. *J Ceramic Soc Jpn* 118(6):438-41.
- Naruse K, Fukuda M, Hasegawa H, Yagami K and Udagawa N (2010) Advanced alveolar bone resorption treated with implants, guided bone regeneration, and synthetic grafting: a case report. *Implant Dent* 19:460-7.
- Nakamura H, Yukita A, Ninomiya T, Hosoya A, Hiraga T and Ozawa H (2010) Localization of Thy-1-positive cells in the perichondrium during endochondral ossification. *J Histochem Cytochem* 58:455-62.
- Hiraga T, Ninomiya T, Hosoya A and Nakamura H (2010) Administration of the bisphosphonate zoledronic acid during tooth development inhibits tooth eruption and formation, and induces dental abnormalities in rats. *Calcif Tissue Int* 86:502-10.
- Hosoya A, Ninomiya T, Hiraga T, Yoshida K, Yoshida N, Kasahara E, Ozawa H and Nakamura H (2010) Potential of periodontal ligament cells to regenerate alveolar bone. *J Oral Biosci* 52:72-80.
- Kobayashi Y, Hiraga T, Ueda A, Wang L, Matsumoto-Nakano M, Hata K, Yatani H and Yoneda T (2010) Zoledronic acid delays wound healing of the tooth extraction socket in mice: Insights into the pathogenesis of bisphosphonate-related osteonecrosis of the jaw. *J Bone Miner Metab* 28:165-75.

Nakanishi M, Hata K, Nagayama T, Sakurai T, Nishisho T, Wakabayashi H, Hiraga T, Ebisu S and Yoneda T (2010) Acid activation of Trpv1 leads to an up-regulation of calcitonin gene related peptide expression in dorsal root ganglion neurons via the CaMK-CREB cascade:A potential mechanism of inflammatory pain. Mol Biol Cell 21:2568-77.

落合隆永, 中野敬介, 木村晃大, 相澤聡一, 福沢正人, 上松隆司, 古澤清文, 川上敏行, 長谷川博雅 (2010) 口腔粘膜病変における液状化細胞診の検討. 松本歯学 36:193-8.

生体材料学ユニット

Nagasawa S, Yoshida T, Tamura K, Yamazoe M, Hayano K, Arai Y, Yamada H, Kasahara E and Ito M (2010) Construction of database for three-dimensional human tooth models and its ability for education and research -Carious tooth models-. Dent Mater J 29:132-7.

Takahashi N, Muto A, Arai A, Mizoguchi T (2010) Identification of cell cycle-arrested quiescent osteoclast precursors in vivo. Adv Exp Med Biol 658:21-30.

永沢 栄 (2010) 有限要素法. 歯科材料・器械 29:309-12.

Yamazoe M (2010) Study of corrosion of combinations of titanium/Ti-6Al-4V implants and dental alloys. Dent Mater J 29:542-53.

新納 亨 (2010) 衝撃荷重によるチタンインプラントの疲労破壊. 松本歯学 36:230-41.

臨床病態評価学ユニット

上松隆司, 古澤清文 (2010) 顎顔面の外傷. 白砂兼光, 古郷幹彦 (編), 口腔外科学, 第3版, 85-124, 医歯薬出版, 東京.

田口 明(分担執筆)(2010)かかりつけ医でみる骨粗鬆症 Q&A 顎のパノラマ X線写真から骨粗鬆症は診断できますか? また, 骨粗鬆症と歯の喪失に関係があるか教えてください, 37-41, 先端医学社, 東京.

Taguchi A (分担) (2010) Etiology and Pathogenesis of Periodontal Disease. Chapter7:Implications of systemic osteoporosis on oral health, p215-44, Springer-Verlag Berlin Heidelberg, Germany.

田口 明 監修, 内田啓一, 長内 秀, 藤木知一, 黒岩博子, 杉野紀幸, 望月慎恭, 山田真一郎 編集 (2010) 画像診断のためのエックス線写真集. 株式会社 IDP 出版, 東京.

米田俊之, 荻野 浩, 杉本利嗣, 太田博明, 高橋俊二, 宗圓 聡, 田口 明, 豊澤 悟, 永田俊彦, 浦出雅裕 編著 (2010) ビスフォスフォネートの有用性と顎骨壊死, ビスフォスフォネート関連顎骨壊死検討委員会, 1-130, 大阪大学出版会, 大阪.

田口 明 (分担執筆) (2010) 医用画像ハンドブック (分担), 第8編 歯科領域の画像:第8章 X線画像による各種診断法. 石田隆行, 桂川茂彦, 藤田広志 監修, 1318-23, オーム社, 東京.

山田一尋 (分担執筆) (2010) 矯正治療患者の機能評価のガイドライン. In:顎口腔機能評価のガイドライン, 111-44, 日本顎口腔機能学会, 東京.

上松隆司, 古澤清文: 顎顔面の外傷. 白砂兼光, 古郷幹彦 (編), 口腔外科学, 第3版, 85-124, 医歯薬出版, 東京, 2010.

- Taguchi A (2010) Triage screening for osteoporosis in dental clinics using panoramic radiographs. *Oral Dis* 16:316-27.
- Yoneda T, Hagino H, Sugimoto T, Ohta H, Takahashi S, Soen S, Taguchi A, Toyosawa S, Nagata T and Urade M (2010) The Review Committee of the Bisphosphonate-related Osteonecrosis of the jaw: Bisphosphonate-Related Osteonecrosis of the Jaw: Position Paper from the Allied Task Force Committee of Japanese Society for Bone and Mineral Research, Osteoporosis Society Japan, Japanese Society of Periodontology, Japanese Society for Oral and Maxillofacial Radiology and Japanese Society of Oral and Maxillofacial Surgeons. *J Bone Miner Metab* 28:365-83.
- 田口 明 (2010) 歯科医師の新たな役割-歯科のパノラマ X 線写真を用いて早期に骨粗鬆症患者をスクリーニングする (連載第 1 回). *日顎咬合誌* 30:248-9.
- Suei Y, Taguchi A, Nagasaki T and Tanimoto K (2010) Radiographic findings and prognosis of simple bone cysts of the jaws. *Dentomaxillofac Radiol* 39:65-72.
- 林 孝文, 佐野 司, 庄司憲明, 末永重明, 田口 明, 筑井 徹, 中山英二, 村上秀明, 小林 馨, 西山秀昌 (2010) 顎関節症の画像診断ガイドラインの策定. *日歯医学会誌* 29:57-61.
- Ariji Y, Taguchi A, Sakuma S, Miki M, Asawa T, Uchida K, Yoshinari N, Hiraiwa Y, Kise Y, Izumi M, Naitoh M, Katsumata A and Ariji E (2010) MR T2-weighted IDEAL water imaging for assessing changes in masseter muscles caused by low-level static contraction. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 109:908-16.
- 泉 佳範, 新庄勝之, 棟安実治, 浅野 晃, 田口 明 (2010) 輝度勾配に注目した歯科パノラマ X 線写真における石灰化領域自動検出手法の一手法. *信学技報* 110:13-8.
- Kavitha MS, 李 亮, Samopo F, 浅野 晃, 田口 明 (2010) 骨粗鬆症診断のための歯科パノラマ X 線画像における皮質骨厚みの連続測定. *信学技報* 110:21-6.
- 泉 佳範, 新庄勝之, 安実治, 浅野 晃, 田口 明 (2010) 動脈硬化スクリーニングのための歯科パノラマ X 線写真における石灰化領域自動検出-輝度勾配に注目した自動領域検出-. *信学技報* 110:43-8.
- 三木 学, 内田啓一, 河合 悠, 吉成伸夫, 杉野紀幸, 黒岩博子, 藤木知一, 長内 秀, 望月慎恭, 山田真一郎, 田口 明 (2010) 根尖病変の診断治療に Cone-Beam CT が有用であった 1 例. *松本歯学* 36:129-33.
- 内田啓一, 黒岩博子, 内山真紀子, 宇都野 創, 藤木知一, 杉野紀幸, 長内 秀, 望月慎恭, 山田真一郎, 山本昭夫, 笠原悦男, 田口 明 (2010) 上顎右側過剰歯と第三大臼歯の融合歯の 1 例. *松本歯学* 36:134-38.
- Uchiyama M, Kasahara E, Anzai M, Yamamoto A, Uchida K and Utsuno H (2010) Root canal anatomy of 236 mandibular canines. *Matsumoto Shigaku* 36:107-14.
- 野久田 太, 内田啓一, 藤崎 昇, 土屋総一郎, 浅輪貴之, 上原大輔, 長谷川順一, 山下秀一郎 (2010) 歯科用デジタルエックス線撮影における背景の写りこみによるエラー像-イメージングプレート取り上の注意事項 -. *松本歯学* 36:120-8.
- Usui Y, Uematsu T, Uchihashi T, Takahashi M, Takahashi M, Ishizuka M, Doto R, Tanaka H, Komazaki Y, Osawa M, Yamada K, Yamaoka M and Furusawa K (2010) Inorganic polyphosphate induces osteoblastic differentiation. *J Dent Res* 89:504-9.
- Yashin H, Yamada K, Asahito T, Ono K, Saito T, Takagi R and Saito I (2010) The effects of timing of secondary alveolar bone graft on craniofacial morphology in patients with unilateral cleft lip and

- alveolus. *Niigata Dent J* 40:153-60.
- Utsuno H, Kageyama T, Uchida K, Yoshino M, Oohigashi S, Miyazawa H and Inoue K (2010) Pilot study of facial soft tissue thickness differences among three skeletal classes in Japanese females. *Forensic Sci Int* 25:195(1-3):165. e1-5.
- Utsuno H, Kageyama T, Uchida K, Yoshino M, Miyazawa H and Inoue K (2010) Facial soft tissue thickness in Japanese children. *Forensic Sci Int* 15:199(1-3):109. e1-6.
- Osawa M, Mihara M, Kikuchi Y, Okubo Y, Yamada K, Hirai K and B. Hiraoka Y (2010) Immunoassay based on a polyclonal antibody for the quantification of *Porphyromonas gingivalis* SOD:a preliminary report. *松本歯学* 36:1-6.
- Osawa M, Yamakura F, Mihara M, Okubo Y, Yamada K and B.Hiraoka Y (2010) Conversion of the metal-specific activity of *Escherichia coli* Mn-SOD by site-directed mutagenesis of Gly165Thr. *Biochimica et Biophysica Acta* 1804:1775-9.
- Muraoka R, Nakano K, Kurihara S, Yamada K and Kawakami T (2010) Immunohistochemical expression of Heat Shock Proteins in the mouse periodontal tissues due to orthodontic mechanical stress. *Eur J Med Res* 15:475-82.
- 岸本英子, 薄井陽平, 駒崎佑介, 上松隆司, 古澤清文, 山田一尋 (2010) 松本歯科大学病院矯正歯科における顎変形症患者の臨床統計的検討. *Orthodontic Waves-Japanese Edition* 29:118-25.
- 大石めぐみ, 足立忠文, 安富和子, 中塚久美子, 山田一尋, 増田裕次 (2010) 永久前歯被蓋完成初期における多方位口唇閉鎖力(I)その特性と体格・体力との関連. *日本顎口腔機能学会雑誌* 17:11-21.
- 時崎匡史, 奥村雅代, 大木絵美, 岡藤範正, 栗原三郎, 山田一尋, 宇都野 創, 田所 治, 金銅英二 (2010) 下歯槽神経切断モデルラットにおける三叉神経節非損傷神経の遺伝子発現動態解析 感覚異常発生との関連. *松本歯学* 36:93-106.
- Yamaoka M, Ishizuka M, Ishihama K, Takahashi M, Takahashi M, Yamada H, Teramoto Y, Yasuda K, Shiba T, Uematsu T and Furusawa K (2010) Bone formation without lamina dura in the middle-aged and elderly:possible dependence on enamel. *Clin Interv Aging* 5:37-43.
- Usui Y, Uematsu T, Uchihashi T, Takahashi M, Takahashi M, Ishizuka M, Doto R, Tanaka H, Komazaki Y, Yamada K, Yamaoka M and Furusawa K (2010) Inorganic polyphosphate induces osteoblastic differentiation. *J Dent Res* 89:504-9.
- Zhao E, Li X, Wang J, Yang J, Uematsu T and Furusawa K (2010) Immunohistochemical localization of aquaporin-6and aquaporin-5 in the human submandibular gland. *J Modern Stomatol* 24:370-2.
- 丹羽 崇, 上松隆司, 堂東亮輔, 高橋美穂, 高田匡基, 丸川和也, 松尾浩一郎, 武田龍太郎, 前島信也, 古澤清文 (2010) 下顎歯肉と食道に発生した同時性重複癌の1例. *松本歯学* 36:7-15.
- 李 憲起, 王 金濤, 趙 二軍, 楊 静, 上松隆司, 古澤清文 (2010) 導管嚢胞を伴った耳下腺組織におけるアクアホ[®]リンの局在. *松本歯学* 36:115-9.
- 落合隆永, 中野敬介, 木村晃大, 相澤聡一, 福沢正人, 上松隆司, 古澤清文, 川上敏行, 長谷川博雅 (2010) 口腔粘膜病変における液状化細胞診の検討. *松本歯学* 36:193-8.
- 丹羽 崇, 上松隆司, 堂東亮輔, 高橋美穂, 高田匡基, 丸川和也, 松尾浩一郎, 武田龍太郎, 前島信也, 古澤清文 (2010) 下顎歯肉と食道に発生した同時性重複癌の1例. *松本歯学* 36:115-9.
- Nakano K, Muraoka R, Tomida M, Matsuura S, Okafuji N, Siar CH and Kawakami T (2010) Possibility of odontoblasts activity up-regulation due to orthodontic mechanical stress in mice. *J Hard Tissue Biol*

19:13-6.

内山真紀子, 安西正明, 山本昭夫, 内田啓一, 河瀬雄治, 佐藤将洋, 宇都野 創, 笠原悦男 (2010) 下顎犬歯 236 歯の根管形態についての検討. 松本歯学 36:107-14.

内田啓一, 黒岩博子, 内山真紀子, 宇都野 創, 藤木知一, 杉野紀幸, 長内 秀, 望月慎恭, 山田真一郎, 山本昭夫, 笠原悦男, 田口 明 (2010) 上顎右側過剰歯と第三大臼歯の融合歯の一例. 松本歯学 36:134-8.

安藤 宏, 田所 治, 井上勝博, 川原一郎, 富田美穂子, 浅沼直和, 金銅英二 (2010) カエル舌の茸状乳頭におけるサブスタンス P 免疫陽性神経線維(その起源と神経化学マーカー物質との共存関係). 日本味と匂学雑誌 17:243-6.

川原一郎, 小澤英浩 (2010) 破骨細胞ミトコンドリア顆粒と骨吸収活性. The BONE 24:313-7.

Otsuka N, Okafuji N, Ochiai T, Kimura A, Hasegawa H and Kurihara S (2010) Measurement of enamel width diameter as basis of stripping in orthodontic treatment. J Hard Tissue Biol 19:51-6.

Matsuda H, Nakano K, Muraoka R, Tomoda M, Okafuji N, Kurihara S, Yamada K and Kawakami T (2010) BMPs and related factors appearing in the mouse periodontal tissue due to orthodontic mechanical stress. J Hard Tissue Biol 19:153-60.

山木貴子, 山木 誠, 清水由美, 岡藤範正, 鷹股哲也 (2010) 筋機能訓練装置を応用し長期安定性を得た側方開咬矯正治療症例. 歯科審美 22:127-33.

山木貴子, 山木 誠, 清水由美, 岡藤範正, 鷹股哲也 (2010) 筋機能訓練装置を応用した長期安定性を得た側方開咬矯正治療症例. 歯科審美 2:127-33.