

業 績 目 録

<研究業績一覧>

原著論文

欧文：

1. Function of miR-1 in the differentiation of mouse tongue striated muscle cell. *Tsurumi Univ. Dent. J.* 2014; 40(2): 23-36.
2. The function of platelet-derived growth factor in the differentiation of mouse tongue striated muscle. *Orthod Craniofac Res* 2012; 15(1): 39-51.
3. Bone morphogenetic protein-2 functions as a negative regulator in the differentiation of myoblasts, but not as an inducer for the formations of cartilage and bone in mouse embryonic tongue. *BMC Dev Biol* 2011; 7: 11-44.
4. Changes in triacylglycerol-accumulated fiber type, fiber type composition, and biogenesis in the mitochondria of the soleus muscle in obese rats *Anat Rec (Hoboken)*. 2011; 294(11): 1904-1912.
5. BMP-2 regulates the formation of oral sulcus in mouse tongue by altering the balance between TIMP-1 and MMP-13. *Anat Rec (Hoboken)* 2010; 293(8): 1408-1415.
6. TGF β 3 is expressed in differentiating muscle of the embryonic mouse tongue. *Int J Dev Biol* 2010; 54(1): 221-226.
7. Changes in the expression of myosins during postnatal development of masseter muscle in the microphthalmic mouse. *Open Dent J* 2010; 8(4): 1-7.
8. Extracellular matrix-mediated tissue remodeling following axial movement of teeth. *J Histochem Cytochem* 2007; 55(2): 127-140.
9. BMP2, BMP4, and their receptors are expressed in the differentiating muscle tissues of mouse embryonic tongue. *Cell Tissue Res* 2007; 329(1): 103-117.
10. Expressions of BMP2, BMP4, and their receptors during the development of mouse tongue muscle. *Jpn J Gerodontology*. 2007; 22(3): 280-287.
11. Bones, teeth, and genes: a genomic homage to Harry Sicher's "Axial Movement of Teeth". *World J Orthod* 2005; 6(1): 61-70.
12. Effects of exogenous bone morphogenetic protein 2 on the formation of mouse molar tooth germ. *J Oral Biosci* 2004; 46(6): 530-535.
13. Exogenous hepatocyte growth factor inhibits myoblast differentiation by inducing myf5 expression and suppressing myoD expression in an organ culture system of embryonic mouse tongue. *Eur J Oral Sci.* 2004; 112(2): 177-181.
14. Change from a hard to soft diet alters the expression of insulin-like growth factors, their

- receptors, and binding proteins in association with atrophy in adult mouse masseter muscle. *Cell Tissue Res.* 2004; 315(1): 97-105.
15. Effect of Orthodontic treatment in extraction cases on serum BGP. *Orthod Waves.* 2004; 63(1): 1-6.
 16. Restoration of mechanical strength and morphological features of the periodontal ligament following orthodontic retention in the rat mandibular first molar. *Eur J Orthod* 2003; 25(2): 167-174.
 17. Correlation between facial morphology, mouth opening ability, and condylar movement during opening-closing jaw movements in female adults with normal occlusion. *Eur J Orthod* 2002; 24(4): 327-336.
 18. The Increase of serum osteocalcin (BGP) after tooth extraction required for orthodontics treatment. *J Oral Biosci* 2000; 42(4): 315-318.
 19. Effect of tooth movement on the change in serum components in pregnant rats. *Orthod Waves.* 1999; 58(6): 410-415.
 20. Effect of tooth movement on the changes in serum bone Gla protein in adult male rats. *Tsurumi Univ. Dent. J.* 1998; 24(1): 1-12.
 21. In vitro measurement of orthodontic tooth movement in rats given beta-aminopropionitrile or hydrocortisone using a time-lapse videotape recorder. *Eur J Orthod* 1997; 19(1): 21-28.
 22. *In vitro* measurement of three-dimensional tooth movement following insertion and removal of an elastic band between rat molars using a time-lapse video and radiography. *J Oral Biosci* 1996; 38(4): 345-353.
 23. Analysis of stress-strain curves in the rat molar periodontal ligament after application of orthodontic force. *Am J Orthod Dentofacial Orthop* 1993; 104(1): 27-35. (1.472)

和文

1. 成人前歯部開咬者の食塊形成能力に関する研究—異なる食品における咀嚼終了時の食塊について—. *鶴見歯学* 2004;30(2):119-125.
2. 成人開咬者の咀嚼運動解析—物性の異なった食品を咀嚼した時—. *鶴見歯学* 2003;29(1):13-21.
3. 6自由度下顎運動再現ロボット (6DOF/R0) の試作. *顎機能誌* 2001;7:1-11.
4. 成人開咬者と個性正常咬合者の咀嚼・嚥下時における口腔周囲筋筋活動の比較. *Orthodontic Waves* 2000;59(5):352-363.
5. 正常咬合者の開閉口運動における下顎切歯および下顎頭の運動解析. *顎機能誌* 1998;5(1):11-20.
6. 鶴見大学歯学部附属病院矯正科における最近の矯正患者の動向に関する統計的検討. *鶴見歯学* 1993;19(2):179-185.

その他 技術紹介、症例報告、Review

欧文

1. Invisible treatment of a severe Class II deep overbite with narrow mandibular dental arch with multilingual bracket appliances. J World Fed Orthod 2017; 6: 69-79.
2. Invisible treatment of a severe Class I crowding with multilingual bracket system using new double mushroom archwire technique in a young adult female patient. J World Fed Orthod. 2015; 4: 151-161.
3. Interdisciplinary treatment of an adult with complete bilateral cleft lip and palate. Am J Orthod Dentofacial Orthop. 2012; 141(4): S149-158.
4. Treatment of a horizontal open bite with an invisible multiloop appliance in a girl with tooth trauma. Am J Orthod Dentofacial Orthop. 2009; 136(4): 596-606.
5. Characteristics of Masticatory and Tongue Muscles. J Oral Biosci 2007; 49(3): 206-210.
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7. Multilingual bracket treatment combined with orthognathic surgery in a skeletal class III patient with facial asymmetry. Am J Orthod Dentofacial Orthop. 1999; 115(6): 654-659.

和文

1. 上顎両側第二小白歯先天欠如を伴う前歯部叢生症例－上顎両側側切歯に矮小歯をともなった一例. 東京矯歯誌 2005;15:138-142.
2. 大学生における顎関節異常の発現についての調査. 鶴見歯学 1997;23(1):207-214.

著書

1. 臼歯部挟状咬合への対応－臼歯部の咬合支持の喪失症例－別冊 臨床家のための矯正 Year Book 99. クインテッセンス出版, 東京, 1999年
2. カラーアトラス歯科矯正診断学, 医歯薬出版, 東京, 1997年9月

特別講演・シンポジウム

国際

1. “Invisible Treatment: Fujita lingual bracket and mushroom archwire” Dental Bean China & Eva Care. 北京, 中国. 2018.12.1-3
2. “Double Archwire Technique for the lingual bracket treatment with Fujita Lingual Bracket”. key note speaker, the 6th Scientific Congress of World Society of Lingual Orthodontics. Coex, Seoul, Korea. 2015.7.3-5.
3. “A new double wire technique in the Fujita method” key note speaker, the 4th Congress of Korean Association of Lingual Orthodontists, Catholic University of Korea, Seoul, Korea

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4. Invisible Treatment: Lingual Orthodontics Fujita Method. 中日友好医院開院 20 周年記念, 北京大学歯学部矯正学講座主催, 北京, 中国. 2004.10.25-27.
5. Invisible Treatment: Lingual Orthodontics Fujita Method. University of Illinois at Chicago, Department of Orthodontics. Chicago, USA. 2003.7.8.
6. 1. Vertical control. 2. Open bite case. 3. Telescopic occlusion case II. 4. Lingual bracket. 5. Skeletal Class III case. The UDF (Ulsan Dental Forum) International Dental Seminar, Ulsan, Korea. 2000.7.7.

国内

1. 歯科基礎医学会第 48 回学術大会・総会、シンポジウム, 顎顔面筋研究の基礎と臨床: 舌発生における BMP の役割と臨床への展望. 第 48 回歯科基礎医学会学術大会, 鶴見大学記念館・大学会館, 2006 年 9 月 21 日.