

Dr. Zaki Weli Hakami

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| **Personal / Contact Information** |
| |  |  | | --- | --- | | **Date of Birth:** | 1982 | | **Current Address:** | Jazan, University Housing | | **Nationality** | Saudi Arabian | | **Email:** | Dr.zhakami@gmail.com | | **Tel:** | 017-3182887 | |

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| **Qualifications** |
| |  | | --- | | Bachelor of Dental Surgery (B.D.S), King Saud University, Saudi Arabia  Master of Dental Science (M.Dent.Sc ), The University of Connecticut, USA  Doctor of Philosophy in Dental Sciences (Ph.D), Tohoku University, Japan | |  | |
| **Education** |
| |  |  |  | | --- | --- | --- | | **Institute** | **Degree** | **Year** | | The University of Connecticut, USA | Master of Dental Science (M.Dent.Sc) | June 2017 | | School of Dental Medicine, The University of Connecticut, USA | Advanced Educational Program in Orthodontics | June 2017 | | Graduate School of Dentistry, Tohoku University, Japan | Doctor of Philosophy in Dental Sciences (Ph.D) | March 2014 | | Orthodontic and Dentofacial Orthopaedic Department, Tohoku University, Japan | Certificate of Postgraduate Training in Orthodontics and Dentofacial Orthopedics | March 2014 | | Orthodontic and Dentofacial Orthopaedic Department, Tohoku University, Japan | Research Student | March 2010 | | College of Dentistry, King Saud University, Saudi Arabia | Bachelor of Dental Surgery (BDS) | 2006 | |

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| **Professional Licenses / Certifications** |
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| **Work Experience Academic and Professional Experience** |
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| **Professional / Academic Honors and Awards** |
| |  |  | | --- | --- | | **Title** | **Date received** | | Clinical Excellence Award from Saudi Orthodontic Society | Feb, 2018 | | Award of Excellence from Saudi Culture office, Tokyo, Japan. | March, 2014 | | The Crown Prince Prize for the Scientific Achievements in Japan | Feb, 2014 | | Excellent Poster Award at Innovative Research for Biosis-Abiosis Intelligent Interface Symposium | Jan, 2014 | | Travel Grant Award from "Dental Scientist Promotion Program for Postgraduate Students” | May, 2013 | | Monboshu Scholarship Award from Japanese Embassy | 2007 | |  |  | |

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| **Publications (Book, Articles, Poster Presentation,)** |
| |  |  |  | | --- | --- | --- | | **Title** | **Journal** | **Date** | | Mini-Implant supported 'S' spring for molar distalization | Journal of clinical  orthodontics | 2019 (In press) | | | Expression of alpha-amylase during murine palatine gland development: a light microscopic immunocytochemical study | The FASEB Journal | April 2019 | | | Developmental localization of syntaxin 1 and synaptosomal-associated protein 25 in rat palate | The FASEB Journal | April 2019 | | | Mandibular incisor extraction: A treatment alternative for large maxillary midline diastema | International Orthodontics | September  2019 | | | Developmental Morphology of the Palatine Glands in Rats: An Electron Microscope Study | The Anatomical Record | October 2018 | | | Miniplates-aided mandibular dentition distalization as a camouflage treatment of a Class III malocclusion in an adult. | Case Report in Dentistry | March  2018 | | | Distribution of nerve fibers during the development of palatine glands in rats | Acta Histochemica | December  2017 | | | Developmental Innervation of Rat Palatine Glands | The FASEB Journal | April  2017 | | | An Efficient and Effective Technique for Uprighting Mesially Erupting Lower Second Molars. | Journal of clinical  orthodontics | March  2017 | | | Postnatal morphological and lectin histochemical observation of the submucosal glands of rat nasopharynx | Acta Histochemica | September 2016 | | | Molar intrusion techniques in orthodontics: A review | J Int Oral Health | December  2015 | | | Effect of Macrophage Colony-Stimulating Factor Receptor c-Fms Antibody on Lipopolysaccharide-Induced Pathological Osteoclastogenesis and Bone Resorption | Interface Oral Health Science | Sep 2015 | | | Histochemical Characteristics of Glycoprotiens During Rat Palatine Gland Development. | Interface Oral Health Science | Sep 2015 | | | The Role of Th1 Cytokines on Mechanical Loading-Induced Osteoclastogenesis and Bone Resorption | Interface Oral Health Science | Sep 2015 | | | Effect of Interleukin 4 on orthodontic tooth movement and associated root resorption. | European Journal of Orthodontics | July 2014 | | | Lectin histochemistry of palatine glands in the developing rat. |  | December  2013 | | | An anti-c-Fms antibody inhibits osteoclastogenesis in a mouse periodontitis model. | Oral Diseases | April  2013 | | | IL-4 inhibits TNF-α-mediated osteoclast formation by inhibition of RANKL expression in TNF-α-activated stromal cells and direct inhibition of TNF-α-activated osteoclast precursors via a T-cell-independent mechanism in vivo. | Bone | October  2012 | | | Anti-c-Fms antibody inhibits lipopolysaccharide-induced osteoclastogenesis in vivo. | FEMS Immunol Med Microbiol | March  2012 | | | IL-12- and IL-18-mediated nitric oxide induced apoptosis of adherent bone marrow cells in TNF-a-induced osteoclast formation | Interface Oral Health Science | 2011 | | | Bonded orthodontic retainers: a comparison of initial bond strength of different wire-and-composite combinations. | Journal of Orofacial Orthopedics | July  2010 | | |  |  |  | | |

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| **Poster Presentation** |
| |  |  |  | | --- | --- | --- | | **Title** | **Conference** | **Date** | | Impact of Fashion Braces on Oral Health Related Quality of Life | 95th Congress of the European Orthodontic Society | June 2019 | | | Impact of Fashion Braces on Oral Health Related Quality of Life | The 13th annual conference of Saudi Orthodontic Society | February 2019 | | | Expression of alpha-amylase during murine palatine gland development: A light microscopic immunocytochemical study | Experimental Biology Conference | April 6-9, 2019 | | | Developmental localization of syntaxin 1 and synaptosomal-associated protein 25 in rat palate | Experimental Biology Conference | April 6-9, 2019 | | | Impact of Fake Braces on Oral Health Related Quality of Life | 7th International Student Dental Conference | 2019 | | | Immunohistochemical distribution of SNARE proteins on developing palate of rats | The UAE International Dental Conference & Arab Dental Exhibition – (AEEDC Dubai) | 2019 | | | Expression of Alpha-amylase During Murine Palatine Gland Development: An Immunocytochemical Study | The UAE International Dental Conference & Arab Dental Exhibition– (AEEDC Dubai) | 2019 | | | Treatment of Severe Skeletal Class III Open Bite Deformity: A Modified Surgery-First Approach. | The 12th annual conference of Saudi Orthodontic Society | February  2018 | | | Developmental Innervation of Rat Palatine Glands | Experimental Biology Cnference | April  2017 | | | Glycohistochemical observation of the developing rat palatine glands: heterogeneous distribution between anterior and posterior side glands of the adult soft palate. | The 5th International Symposium for Interface Oral Health Science | January  2014 | | | M-CSF receptor c-Fms antibody inhibits pathological osteoclast formation in vivo. | The 5th International Symposium for Interface Oral Health Science | January  2014 | | | Heterogeneous Lectin Binding Pattern between the Posterior and Anterior Portions of Palatine Glands of Adult Rat. | NIH-Tohoku University JSPS Symposium | May  2013 | | | Neutralization of macrophage colony-stimulating factor inhibits pathological osteoclastogenesis in vitro and in vivo. | NIH-Tohoku University JSPS Symposium | May  2013 | | | IL-4 Inhibits TNF-α-mediated Osteoclast Formation via a T-cell-independent Mechanism in vitro and in vivo. | NIH-Tohoku University JSPS Symposium | May  2013 | | | Histochemical Evaluation of Glycoproteins in The Developing Rat Palatine Glands. | The 2nd Meeting of the International Association for Dental Research – Asia Pacific Region | August  2013 | | | Developmental glycoproteins modification and distribution in rat palatine glands. | The 72th Annual Meeting of the Japanese Orthodontic Society | October  2013 | | | Changes in the upper and lower airway spaces associated with rapid maxillary expansion. | The 72th Annual Meeting of the Japanese Orthodontic Society | October  2013 | | | Effect of MDP for LPS-induced osteoclast formation and bone resorption. | The 71th Annual Meeting of the Japanese Orthodontic Society | September  2012 | | | An anti-c-Fms antibody inhibits osteoclastogenesis and bone resorption in a mouse periodontal model. | The 71th Annual Meeting of the Japanese Orthodontic Society | September  2012 | | | Interleukin-4 inhibits tumor necrosis factor-α-mediated osteoclast formation in vivo | The 4th International Congress and the 70th Annual Meeting of the Japanese Orthodontic Society | October  2011 | | | Anti-c-Fms antibody inhibits lipopolysaccharide-induced osteoclastogenesis in vivo | The 4th International Congress and The 70th Annual Meeting of the Japanese Orthodontic Society | October  2011 | | | IL-12- and IL-18-mediated nitric oxide induced apoptosis of adherent bone marrow cells in TNF-α-induced osteoclast formation. | The 4th International Symposium for Interface Oral Health Science | March  2011 | | | Interleukin-4 inhibits tumor necrosis factor-α-mediated osteoclast formation in vitro and in vivo | The 4th International Symposium for Interface Oral Health Science in Sendai, | March  2011 | | |