

 Dr. Zaki Weli Hakami

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| **Personal / Contact Information** |
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|  **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** |
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| Bachelor of Dental Surgery (B.D.S), King Saud University, Saudi Arabia Master of Dental Science (M.Dent.Sc ), The University of Connecticut, USADoctor of Philosophy in Dental Sciences (Ph.D), Tohoku University, Japan  |
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| **Education** |
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| **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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| **Institute/Commission**  | **Accreditation** | **Year**  |
| Saudi commission for health specialties | Consultant/Orthodontist | 2019 |
| The American Board of Orthodontics | Diplomate | 2018 |

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| **Work Experience Academic and Professional Experience**  |
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| **Post**  | **Location** | **Period** |
| **From** | **To** |
| Department Head | Department of Preventive Dental Sciences, College of Dentistry, Jazan University, Saudi Arabia | October 2017 | Present |
| Associate professor | College of Dentistry, Jazan University, Saudi Arabia | October 2019 | present |
| Assistant professor | College of Dentistry, Jazan University, Saudi Arabia | December 2014 | October 2019 |
| Demonstrator | College of Dentistry, Jazan University, Saudi Arabia | September2008 | December 2014 |
| Resident Dentist | Security Forces Hospital, Riyadh, Saudi Arabia | October2007 | September2008 |
| Intern Dentist | College of Dentistry, King Saud University, Saudi Arabia | July 2006  | July 2007 |

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| **Professional / Academic Honors and Awards** |
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| **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,)** |
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| **Title**  | **Journal**  | **Date**  |
| Mini-Implant supported 'S' spring for molar distalization | Journal of clinicalorthodontics | 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 | March2018 |
| 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 | April2017 |
| An Efficient and Effective Technique for Uprighting Mesially Erupting Lower Second Molars. | Journal of clinicalorthodontics | March2017 |
| 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 | December2015 |
| 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. |  | December2013  |
| An anti-c-Fms antibody inhibits osteoclastogenesis in a mouse periodontitis model. | Oral Diseases | April2013 |
| 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 | October2012 |
| Anti-c-Fms antibody inhibits lipopolysaccharide-induced osteoclastogenesis in vivo.  | FEMS Immunol Med Microbiol | March2012 |
| 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 | July2010 |
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| **Poster Presentation** |
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| **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 | February2018 |
| Developmental Innervation of Rat Palatine Glands | Experimental Biology Cnference | April2017 |
| 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 | May2013 |
| Neutralization of macrophage colony-stimulating factor inhibits pathological osteoclastogenesis in vitro and in vivo. | NIH-Tohoku University JSPS Symposium | May2013 |
| IL-4 Inhibits TNF-α-mediated Osteoclast Formation via a T-cell-independent Mechanism in vitro and in vivo. | NIH-Tohoku University JSPS Symposium | May2013 |
| 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 | October2013 |
| Changes in the upper and lower airway spaces associated with rapid maxillary expansion. | The 72th Annual Meeting of the Japanese Orthodontic Society | October2013 |
| Effect of MDP for LPS-induced osteoclast formation and bone resorption. | The 71th Annual Meeting of the Japanese Orthodontic Society | September2012 |
| An anti-c-Fms antibody inhibits osteoclastogenesis and bone resorption in a mouse periodontal model. | The 71th Annual Meeting of the Japanese Orthodontic Society | September2012 |
| 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 | October2011 |
| Anti-c-Fms antibody inhibits lipopolysaccharide-induced osteoclastogenesis in vivo | The 4th International Congress and The 70th Annual Meeting of the Japanese Orthodontic Society | October2011 |
| 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 | March2011 |
| 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, | March2011 |

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