

Romano Endrighi, Elizabeth McQuaid, Kiera Bartlett, Ashley Clawson and Belinda Borrelli. Department of Health Policy and Health Services Research: "Parental Depression is Associated with Lower Likelihood of Smoking Cessation and Poor Child Asthma Outcomes: Prospective Study."

Zsanett Jancso, Andrea Geisz, B.C. Nemeth and Miklos Sahin-Toth. Department of Molecular and Cell Biology: "Role of Chymotrypsin C in Cerulein-induced Pancreatitis in the Mouse."

2 to
5 p.m.

ORAL PRESENTATION
100 East Newton Street, G-301

Dental Students (DMD/Advanced Standing)

Bhoomi Kotak, Goli Parsi and Melih Motro. Department of Orthodontics and Orthofacial Orthopedics: "Effect of Different Orthognathic Surgical Modalities on Upper Airway."

Edith Lin, Janice L. Walker, Weihao Wang, Alison Romisher, J. L. Jensen, K. Skarstein, A. Sue Menko, and Maria A. Kukuruzinska. Department of Molecular and Cell Biology: "Identification of Repair Cells and Immune Surveillance in the Embryonic SMG: Potential Mechanisms Underlying Tissue Fibrosis and Autoimmunity."

Masters (MSD/1st yr PhD/DScD)

Ella Botchevar and David Briss. Department of Orthodontics and Orthofacial Orthopedics: "A Morphometric Approach to Facial Growth Prediction."

Gili Naveh, Jonathan Foster, Bjorn R Olsen and Melih Motro. Department of Orthodontics and Orthofacial Orthopedics: "Structural derived function: the pre-programming of the periodontal ligament."

Abdelrouf Suwid, Serge Dibart and Erdjan Salih. Department of Periodontology: "Novel Live Ex-Vivo Diabetic Bone Organ Culture Model Systems."

Postdoctoral Students

Ahmed Alamoudi and Yoshiyuki Mochida. Department of Molecular and Cell Biology: "Deficiency in Fam20a Causes Amelogenesis Imperfecta Phenotype Due to Amelogenin Processing Defect."

Alaa Al-Qutub, Serge Dibart and Erdjan Salih. Department of Periodontology: "Bone-Microenvironment Mediated Cancer Cell Dormancy, Dissemination, and Drug Resistance."

Varun Arya, Poornima Kadagad, Radhika Chigurupati and Pushkar Mehra. Department of Oral and Maxillofacial Surgery: "Effects of Orthognathic Surgery on TMJ Function and Dysfunction."

Eileen Daley and Philip Trackman. Department of Molecular and Cell Biology: "Lysyl Oxidase Dysregulation in Diabetic Bone Disease."

Faranak Mahjour and Philip Trackman. Department of Molecular and Cell Biology: "A Mediator of Tumor to Stromal Cell Communication in Oral Cancer."

Ashkan Mobini, Pushkar Mehra and Radikha Chigurupati. Department of Oral and Maxillofacial Surgery: "Post operative Pain and Narcotic Analgesic Requirements in Orthognathic Surgery Patients."

Taisuke Ohira, Alessia De Vit, Wayne A. Gonnerman and Serge Dibart. Department of Periodontology: "Bio-action of Bone Regeneration by Piezoelectric Surgery."

Ningyuan Sun and Paola Divieti Pajevic. Department of Molecular and Cell Biology: "Mechanical Forces Regulate SOST/Sclerostin Expression in Osteocytes through a Gs α -independent Signaling Pathway."

Fellows

Dorottya Berki, Aleksandra Kujko, Grzegorz Oracz, Karolina Wejnarska, Justyna Antoniuk, Katarzyna Wertheim-Tysarowska, Elwira Kołodziejczyk, Jerzy Bal, Agnieszka Magdalena Rygiel and Miklós Sahin-Tóth. Department of Molecular and Cell Biology: "A novel p.Ser282Pro CPA1 variant is associated with hereditary pancreatitis."

Andrea Geisz, Eszter Hegyi, Zsanett Jancso and Miklos Sahin-Toth. Department of Molecular and Cell Biology: "Spontaneous Pancreatitis in a Novel Mouse Model with a Trypsinogen Mutation."

Boston University Henry M. Goldman
School of Dental Medicine

BOSTON
UNIVERSITY

SCIENCE DAY 2017

Thursday, March 16, 2017

Hiebert Lounge, Boston University
School of Medicine Instructional Building, 14th Floor



"Curbing the Global Epidemic of Obesity: From Science to Policy"

Dr. Frank Hu, M.D., Ph.D. M.P.H.

*Chair, Department of Nutrition,
Harvard T.H. Chan School of Public Health;
Professor of Medicine, Harvard Medical School
and Brigham and Women's Hospital; and
Director, Harvard Transdisciplinary Research in
Energetics and Cancer Center*

Poster Viewing

9 a.m. – 1 p.m.

Complimentary Lunch

12 – 1 p.m.

Keynote Address

1 -2 p.m.

Oral Presentations

2 – 4 p.m.

Dental Vendor Exhibition

8 a.m – 1 p.m.
100 East Newton St.
Dental School Cafeteria

More information can be found at:

bu.edu/dental/scienceday
bu.edu/dental-research/student-research

Science Day is open to pre- and post-doctoral dental students, post-doctoral fellows, faculty and staff.

8 a.m. to 1 p.m.	VENDOR FAIR 100 East Newton Street, Cafeteria
	<div> <div> 3M Brasseler USA Colgate Oral Pharmaceuticals DenMat Designs for Vision Door to Door Dental </div> <div> GlaxoSmithKline Midmark Proctor & Gamble/Crest Oral-B Oral Health Patterson Dental Surgitel Johnson & Johnson </div> </div>
1 to 2 p.m.	KEYNOTE ADDRESS Hiebert Lounge, 14th Floor, Medical School
9 a.m. to 1 p.m.	POSTER PRESENTATION Hiebert Lounge, 14th Floor, Medical School

Dental Students (DMD/Advanced Standing)

Lauren Aber, Hans Langara and Maria Kukuruzinska. Department of Molecular and Cell Biology: “Mechanisms Underlying Pathogenesis of Sjogren’s Syndrome.”

Jessica Collins, Guoxian Wei, Ghassan Darwish and Eva Helmerhorst. Department of Molecular and Cell Biology: “Exploring the Possible Role of Bacillus Subtilis in Enzymatic Celiac Disease Treatment.”

Laila Khalid and Eihab Mously. Department of General Dentistry: “Achieving Improved Final Restoration Aesthetic Results and Natural Gingival Appearance in Second Stage Implant Surgery Using CAD/CAM Technology.”

Melissa Morrison and Hisham Nouh. Department of General Dentistry: “Dental Implants in the Pre-doctoral Treatment Center: A Digital Approach to Planning, Guided Placement and Restoration.”

Jignesh Rudani and Richard Dinnocenzo. Department of Oral & Maxillofacial Surgery: “Comparison of Mandibular Reconstruction by Virtual Approach and Conventional Approach of Pedicle Fibular Graft After Segmental Mandibulectomy: A Systematic Review.”

Hirwa Shah and Larry Dunham. Department of General Dentistry: “Early Detection of Oral Cancer: A Dental Responsibility.”

Monica Schmidt and David-Meir Dano. Department of General Dentistry: “Prosthetically Driven Computer Guided Implant Placement and Restoration Using CEREC: A Case Report.”

Saeed Yazdianpour and Russell Giordano. Department of Restorative Sciences/Biomaterials: “Mechanical, Composition, and Structural Properties of Different Dental Material.”

Heidar Zohrehei, Goli Parsi, Judith Jones, AA Alsulaiman, K. Starikvo, Sok Ja Janket, C. Asikis and Melih Motro. Department of Orthodontics and Orthofacial Orthopedics: “Volumetric Effects of RME on Upper Airway, Based on CBCT Data - A Systematic Review and Meta-Analysis.”

Masters (MSD/1st yr PhD/DScD)

Nujud Alamry, Xiaoren Tang, Erdjan Salih and Serge Dibart. Department of Periodontology: “A Rapid Method for Culturing Anaerobic Bacteria.”

Mansour Alasiri, Xiaoren Tang, Erdjan Salih and Serge Dibart. Department of Periodontology: “Inhibition of LPS-induced TNF-alpha by Kav001.”

Bushra Aljahdali, Mansour Alasiri, Abdullah Bamashmous, Xiaoren Tang, Erdjan Salih and Serge Dibart. Department of Periodontology: “Involvement of TNFAIP1-mediated Signaling Pathway in Regulation of P.G/LPS-induced TMF-alpha Production.”

Saqer Alsaqer, Mustafa Tashkandi, Vinay Kartha, Ya-Ting Yang, Andrew Salama, Xaralabos Varelak, Maria Kukuruzinska, Stefano Monti and Manish V. Bais. Department of Molecular and Cell Biology, Section of Computational Medicine BUSM, Bioinformatics Program BU, Department of Oral and Maxillofacial Surgery and Department of Biochemistry BUSM: “LSD1 is an Epigenetic Therapeutic Target of Oral Cancer.”

Abdullah Bamashmous, Bushra Aljahdali, Xiaoren Tang, Erdjan Salih and Serge Dibart. Department of Periodontology: “Identification of CXCL1-mediated Signaling Pathway in Response to Pg./LPS in Macrophages.”

Meghan Graham, David Briss and Leslie Will. Department of Orthodontics and Orthofacial Orthopedics: “Early Recognition of Mandibular Growth Pattern Using Geometric Morphometrics.”

Cecilia Deller, Jessica Riccobono, Ghassan Al-Turki, Melih Motro and Goli Parsi. Department of Orthodontics and Orthofacial Orthopedics: “Three-dimensional Analysis of Mandibular Landmarks, Planes and Shape, and the Changes Associated with Growth and Orthodontic Treatment.”

Joseph Facciolo, Ghassan Al-Turki, Marcus Garrant and Melih Motro. Department of Orthodontics and Orthofacial Orthopedics: “The Comparison of Different Rapid Maxillary Expansion Devices from Periodontal Tissue Health and Root Resorption Perspectives.”

Maryevan Thacker, David Briss, Ghassan Al-Turki and Matthew Miner. Department of Orthodontics and Orthofacial Orthopedics: “Testing the Predictability of Digital Setups.”

Postdoctoral Students

Haidar Alalawi, Nael Eid, Khalid Alawadi, Alexander Bendayan and Hiroshi Hirayama. Department of Restorative Sciences/Biomaterials: “Utilizing Digital Treatment Planning and Guided Implant Surgery to Restore Fully Edentulous Arches: A Clinical Case Report.”

Khalid Alamoud, Khikmet Sadykov, Manish Bais, Vinay Kartha, Stefano Monti, Anna Belkina, Jennifer Cappione, Sara Pai, Ann Marie Egloff and Maria Kukuruzinska. Department of Molecular and Cell Biology: “β-catenin/CBP Axis Drives Cancer Initiating Cells in OSCC.”

Fahad AlJamal, Erdjan Salih and Serge Dibart. Department of Periodontology: “Effect of Different Piezotome Settings on Calvarial Bone Treated with and without Bisphosphonate.”

Raed Alrowis and Serge Dibart. Department of Periodontology: “Analysis of Local Simvastatin Efficacy in Standardized Calvarial Defects in Rats Using Beta-Tri Calcium Phosphate and Collagen Membrane: A Real Time in-Vivo Micro-Computed Tomography.”

Eman Alsagob, Junhie Oh, Astha Singhal, Judith Jones and Woosung Sohn. Department of Health Policy and Health Services Research: “Increase of Non-Traumatic Dental Visits to Emergency Departments After Medicaid Expansion.”

Mishali Alsharief and Elizabeth Kaye. Department of Health Policy and Health Services Research: “Association Between Alcohol Consumption and Periodontal Disease Among US Adults.”

Talal Alshihayb, Thayer Scott, Sharron Rich, Elizabeth Kaye and Woosung Sohn. Department of Health Policy and Health Services Research: “Health Promoting and Risky Behaviors and their link to Oral Health Behaviors.”

Ehab Azab, Yuhei Uda, Chao Shi, Ningyuan Sun, Kevin Chandler, Mark E. McComb, Catherine E. Costello, Keertik S Fulzeleand and Paola Divieti Pajevic. Department of Molecular and Cell Biology and Center for Biomedical Mass Spectrometry: “Osteocytes Regulate Myelopoiesis via Secreted Factors.”

Asmaa Bukhari, Walid Hafiz, Alexander Bendayan and Hiroshi Hirayama. Department of Restorative Sciences/Biomaterials: “Dental Erosion : A Clinical Case Report- Meth Mouth.”

Lorena Corzo, Wampeng Xu, Alexis Sauer-Budge, Gregory Martin and Serge Dibart. Department of Periodontology: “Comparison of a Non-Cylindrical Prototype Implant (PiezoImplant) Versus a Conventional Cylindrical Implant in Minipigs. Part I: Stability Analysis.”

Ghassan Darwish, Chin-Hua Yang, Na Tian, Guoxian Wei and Eva Helmerhorst. Department of Molecular and Cell Biology: “Gliadin Degradation and Epitope Abolishment in the Gastro-intestinal Tract of Mice.”

Alaa Qari, Woosung Sohn, Thayer Scott, Sharron Rich and Elizabeth Kaye. Department of Health Policy and Health Services Research: “Dental Caries and Sugar Intake in People with Taste and Smell Disturbances.”

Meyassara Samman, Thayer Scott, Sharron Rich, Elizabeth Kaye and Woosung Sohn. Department of Health Policy and Health Services Research: “The Effects of Marijuana Smoking on Oral Health.”

Ayman Sulimany, Elizabeth A Kaye, Raul Garcia, Howard Cabral, Thayer Scott and Woosung Sohn. Department of Health Policy and Health Services Research: “The Influence of Lead Toxicity on Dental Caries Risk among African American Children: A Longitudinal Study.”

Fellows

Abrar Tounsi, Sharron Rich, Elizabeth Kaye, Woosung and Thayer Scott. Department of Health Policy and Health Services Research: “Dental Services Utilization and Oral Health Needs for Children with ADHD.”