

#### **Foundation for Endodontics Grant**

**Jacob Al-Hashemi**, Department of Endodontics: *"Differential expression of miRNAs in Human External Cervical Root Resorption."*

#### **Yankee Dental Congress 2019: Poster Session 1st Place Postdoctoral Category**

**Abdelrouf Suwid**, Serge Dibart and Erdjan Salih, Department of Periodontology: *"Engineering Novel Models for Craniofacial Bone Regeneration."*

#### **Henry Russek Award – Oral Biology PhD Program Category**

**Eileen Daley** and Philip Trackman, Department of Molecular & Cell Biology: *"Incretin Dysregulation of Lysyl Oxidase: A New Mechanism for Diabetic Bone Disease."*

#### **The Undergraduate Research Opportunities Program (UROP)**

**Veronica Lu**, Ehab Azab and Paola Divieti Pajevic, Department of Molecular & Cell Biology: Fall 2018 Faculty Matching Grant *"Investigating Osteocyte and Osteoclast Formation after Exposure to Osteocyte Condition Medium."*

**Neha Ramchandani**, Yuhei Uda and Paola Divieti Pajevic, Department of Molecular & Cell Biology: Fall 2018 Faculty Matching Grant *"Osteocyte and Mechano-transduction: OSTEO4 Experiment."*

**Anela Demir** and Leslie Will, Department of Orthodontics & Dentofacial Orthopedics: Spring 2019 Faculty Matching Grant *"Dental and Skeletal Transverse Relationships in Children."*

**Fionna Chan**, Serge Dibart and Erdjan Salih, Department of Periodontology: Spring 2019 Credit Course *"Tumor Burden on Live Ex-Vivo Cancer-Bone Cell Interaction Model System in the Absence and Presence of Docetaxel and Insulin."*

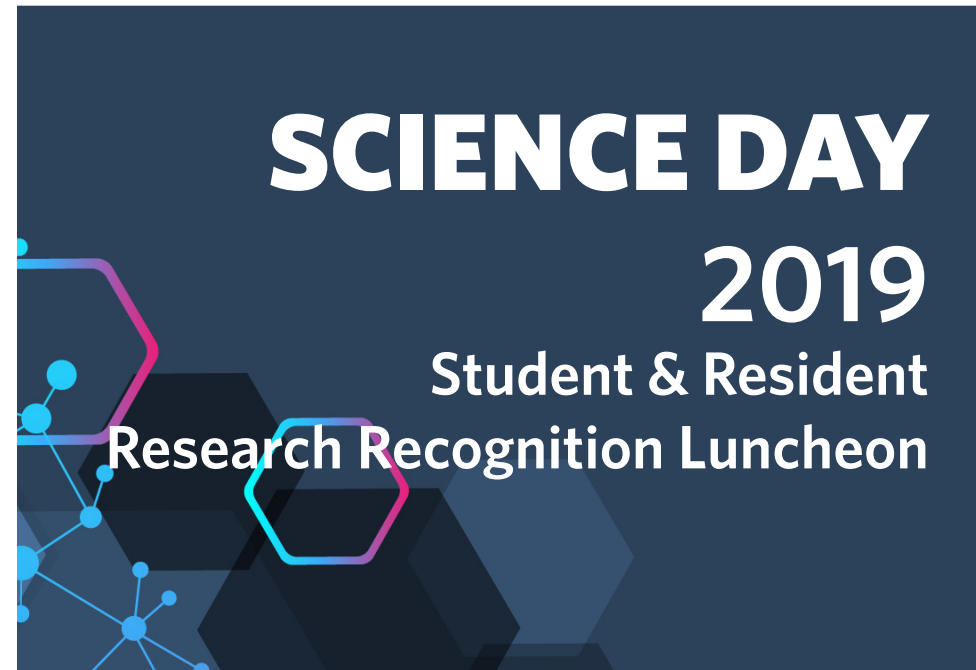
**Mary Ayoub**, Erdjan Salih and Serge Dibart, Department of Periodontology: Summer 2019 Student Research Award *"Impact of Docetaxel on Live Ex-Vivo Bone-Cancer Interaction Model in the Presence and Absence of Insulin."*

**June Woo Lim**, Taisuke Ohira and Serge Dibart, Department of Periodontology: Summer 2019 Faculty Matching Grant *"Biological Bone Modification Related to Depth of Corticotomy by Piezo-Surgery in Rats."*

**Roberto Campos E Santos** and Paola Divieti Pajevic, Department of Molecular & Cell Biology: Summer 2019 Faculty Matching Grant *"The Role of Parathyroid Hormone in Preventing and Mitigating Cellular Senescence in Osteocytes of Aged Mice."*

Boston University Henry M. Goldman  
School of Dental Medicine

BOSTON  
UNIVERSITY



**Wednesday, April 3, 2019**  
**11:30 a.m. – 1 p.m.**  
**Hiebert Lounge**

Presented by  
Dean Jeffrey W. Hutter and  
Associate Dean for Research Maria Kukuruzinska

# PROGRAM

## WELCOME

**Maria Kukuruzinska**  
Associate Dean for Research

**Jeffrey W. Hutter**  
Dean and Spencer N. Frankl Professor in Dental Medicine

## GSDM SCIENCE DAY 2019 AWARDS

### POSTER PRESENTATIONS

#### DMD Students

**Svitlana Koval**, Caglayan Dicle, Arel Cordero, Lakshmi Garladinne and Melih Motro, Departments of General Dentistry and Orthodontics & Dentofacial Orthopedics: *"Automation of Cephalometric Landmarking Using Deep Learning – Preliminary Results."*

#### Masters Students (MSD & 1st yr PhD/DScD)

**Tyler J Guinn**, Vrinda Dambal and Philip Trackman, Departments of Endodontics and Molecular & Cell Biology: *"In Vivo Analysis of Lysyl Oxidase Deletion in Mouse Osteoblasts, a Pilot Study."*

#### Postdoctoral Students

**Ali Al Aqeeli**, Safaa Ahmed, Thayer Scott and Elizabeth Kaye, Department of Health Policy and Health Services Research: *"Association between Vitamin D Deficiency and Permanent Caries among US Population."*

### ORAL PRESENTATIONS

#### DMD Students

**Ariana dela Cruz**, Vinay Kartha, Ronjuan Mi, Stefano Monti, Janicke Jensen, Kathrine Skarstein, Xaralabos Varelas and Maria Kukuruzinska, Departments of Medicine and Biochemistry, Boston University School of Medicine, Faculty of Dentistry, University of Oslo, Norway, Clinical Medicine, University of Bergen, Norway and Molecular & Cell Biology: *"Novel Transcriptome Subpopulations from Sjögren's and Non-Sjögren's Salivary Gland Epithelia."*

#### Masters Students (MSD & 1st yr PhD/DScD)

**Kanwal Maheshwari**, Chang Zhang and Laisheng Chou, Departments of Endodontics and Restorative Sciences & Biomaterials: *"Effect of Simvastatin on the Biocompatibility of Human Dental Pulp Cells."*

#### Postdoctoral Students

**Ningyuan Sun**, Yuhei Uda, Alejandro Kochen, Roberto Nunes, Campos Santos and Paola Divieti Pajevic, Department of Molecular & Cell Biology: *"Osteocyte Metabolism."*

#### AADR/Dentsply Sirona Award presented by Mr. Joel Monteiro

**Mackenson Montas**, Hamza Al Atassi, Michael Shapiro, Sowmya Rao and Andrew Salama, Department of Oral & Maxillofacial Surgery: *"Are You Gritty & Resilient Enough to Succeed? Grit and Resilience May be Related to Dental Students' Academic Success during School: A National Analysis."*

#### PREDOCTORAL RESEARCH MENTOR OF THE YEAR 2019

**Andrew R. Salama**, Associate Professor, Department of Oral & Maxillofacial Surgery

#### IADR/AADR/CADR GENERAL SESSION IN VANCOUVER, BC, CANADA

#### 2019 Hatton Competition

**Miranda Lee**, Anthony Federico, Maria Kukuruzinska and Stefano Monti, Departments of Molecular & Cell Biology and Medicine, Boston University School of Medicine: *"Global Transcriptome Analysis Reveals Role of Epigenome in Oral Cancer."*

#### 2019 Bloc Travel Grant

**Miranda Lee**, Anthony Federico, Maria Kukuruzinska and Stefano Monti, Departments of Molecular & Cell Biology and Medicine, Boston University School of Medicine: *"Global Transcriptome Analysis Reveals Role of Epigenome in Oral Cancer."*

#### IADR LION Award

**Talal Alshihayb**, Elizabeth Kaye, Yihong Zhao, Cataldo Leone and Brenda Heaton, Departments of Periodontology and Health Policy & Health Services Research: *"Periodontitis Misclassification from Partial-mouth Measurements: Effect on Associations with Diabetes."*

#### AAADR Research Day 2018 Award

**Erika Ramos** and Michelle Henshaw, Department of Health Policy & Health Services Research: *"Public Housing Community Member Perspectives on Biomedical and Behavioral Research."*

#### ACKNOWLEDGMENT OF OTHER AWARD WINNERS

#### 2019 NIDCR Summer Dental Student Award

**Manavi Nagai** and Paola Divieti Pajevic, Department of Molecular & Cell Biology

#### Intensive Research Elective Course IREC Certificate of Recognition

**Ariana dela Cruz** DMD20  
**Edith Yun Lin** DMD19

#### Travel Award via HRSA to attend the National Oral Health Conference

**Christine Chiao**, Department of Pediatric Dentistry  
**Safina-Aliya Dhanji**, Department of Pediatric Dentistry

