Oscar Reyna-Blanco, DDS, Receives Colgate Scholarship

Dr. Oscar Reyna-Blanco, orthodontics resident in the Department of Developmental Biology at HSDM, received a Colgate Scholarship from the Hispanic Dental Association Foundation. This Scholarship is given to four postgraduate residents nationwide. Reyna-Blanco is working with Dr. James Maclaine, attending physician at Children's Hospital, Boston on his project, “Three-Dimensional Assessment of the Timing of Bone-Graft in Cleft Lip Children and it’s Effect on Canine Eruption.”

Roland Baron, DDS, PhD, Receives Merck Funding

Dr. Roland Baron, professor and chair of oral medicine, infection and immunity at HSDM, and professor of medicine at MGH, received funding from Merck & Co., for his project, “Role of Cathepsin K in Osteocytes: Responses to Estrogen Deprivation.” Dr. Francesca Gori, assistant professor of Oral Medicine, Infection and Immunity at HSDM, is collaborating on this project.

Sook-Bin Woo, DMD, MMSc, Receives Prestigious AAOM Samuel Charles Miller Award

Dr. Sook-Bin Woo, associate professor of oral medicine, infection and immunity HSDM; chief of clinical services at the Division of Oral Medicine and Dentistry at the Brigham and Women's Hospital; and, program director for the Oral and Maxillofacial Pathology advanced graduate education program at HSDM, received the prestigious Samuel Charles Miller Award from The American Academy of Oral Medicine.

Dr. Woo is board certified in both oral pathology and oral medicine, and graduated with a BDS from Singapore University. She received her MS in oral pathology from Indiana University, and completed a fellowship in head and neck pathology at Long Island Jewish Medical Center. Woo earned her DMD from HSDM, and undertook further training in oral and maxillofacial pathology, receiving her MMSc degree. Woo became chief of service and director of the graduate training program in oral and maxillofacial pathology at HSDM. Woo's outstanding contributions as a clinician scientist, provide the foundation for her as a leader in the field of Oral Medicine.

Sang Jin Lee, DMD, MMSc, and Ashley Amini, DMD, PhD, Receive AAID Funding

Dr. Sang Jin Lee, assistant professor and director of Advanced Graduate Education and Director of the prosthodontics program in the Department of Oral Medicine, Infection and Immunity at HSDM, and Dr. Ashley Amini, prosthodontics resident in the Department of Oral Medicine, Infection and Immunity at HSDM, received funding from the American Academy of Implant Dentistry for their project, “Investigation of Bacterial Adhesion to Dental Implant Crowns.” In this study, Lee and Amini will investigate bacterial adhesion on four widely-used conventional dental crown materials.
Wataru Hatakeyama, DDS, PhD
Dr. Wataru Hatakeyama joined the Department of Oral Medicine, Infection and Immunity as a visiting scholar working with Dr. David Kim and Dr. Masazumi Nagai. Hatakeyama received his DDS in 2009, and PhD in 2014 from Iwate Medical University, School of Dental Medicine, Japan. Hatakeyama is working at HSDM for one year as the recipient of an Osteology Foundation Scholarship, working on a translational research project focused on osseointegration using bioactive peptides screened though novel biopanning.

Weiqing Liu, DDS
Liu joined the Lanske Lab as a visiting graduate student in the Department of Oral Medicine, Infection and Immunity at HSDM. Liu is from Nanjing, China and received her DDS from West China School of Stomatology, Sichuan University, majoring in implantology. As a visiting PhD student, Liu's research is focused on the critical role of PTH during chronic kidney disease.

Marina Feigenson, PhD
Feigenson, originally from Israel, moved to the US to pursue her PhD in biochemistry in University of Rochester, NY. She worked with Dr. Regis O'Keefe studying fracture repair and afterwards also spent time as a postdoc at the Mayo Clinic studying how changes in epigenetic status affect bone progenitor cells differentiation. In the Rosen Lab, Feigenson is a visiting scholar in the Department of Developmental Biology at HSDM, studying the cellular and molecular biology of the meniscus.

Chenhe (Andy) Zhou, MS
Zhou joined the Baron Lab as a visiting graduate student in the Department of Oral Medicine, Infection and Immunity at HSDM. Zhou received his Bachelor's Degree in 2011, and his Master Degree in 2013 from Zhejiang University, China. As a visiting PhD student, Zhou's research is focused on the role of cathepsin K in osteocytes in response to various metabolic challenges such as lactation and estrogen deprivation.

Fulbright Scholar, Sami Gritli, MD, PhD, Joins the Olsen Lab
Since the age of 5, Dr. Sami Gritli has always wanted to become a doctor to save lives and alleviate patient suffering. After medical school, Gritli completed a residency in medical genetics at the Pasteur Institute. He went on to earn his PhD degree in cell and molecular biology from Harvard Medical School/University of Nice-Sophia Antipolis in 2009. Gritli has an appointment in the Department of Pathology, Charles Nicolle Hospital and Faculty of Medicine of Tunis, Tunisia. He was awarded a 2016-2017 Fulbright Fellowship and joined the laboratory of Dr. Bjorn R. Olsen in the Department of Developmental Biology at HSDM. Since the moment Gritli read Olsen's work on the molecular link between cleidocranial dysplasia and the Runx2 gene, a master regulator in bone development, he wanted to join his Lab. Now at HSDM, Gritli is working on a similar genetic disorder called GAPO syndrome, the pathophysiology which is yet to be determined. His aim is to decipher GAPO syndrome molecular defects using patient DNA samples and cell lines, as well as mouse and zebrafish transgenesis. Gritli stated, “I am excited to continue my career in academia as an extension of taking care of patients; doing basic science research, and teaching genetics and developmental biology are a great privilege and a total fulfillment for me.”
**HSDM Publications**

**DEVELOPMENTAL BIOLOGY**


**MULTI-DEPARTMENTAL**


**ORAL HEALTH POLICY AND EPIDEMIOLOGY**


**RESTORATIVE DENTISTRY AND BIOMATERIALS SCIENCES**


---

**Adam Hamilton, BDS, DCD, Appointed Interim Director of the Division of Regenerative and Implant Sciences**

Dr. Adam Hamilton has been appointed interim director of the division of regenerative and implant sciences and lecturer on restorative dentistry and biomaterials sciences at HSDM. Hamilton completed his general dental education at the University of Western Australia and has a doctorate degree in clinical dentistry specializing in prosthodontics from the University of Melbourne, Australia. Hamilton was the recipient of an International Team for Implantology (ITI) scholarship through which he completed a fellowship in oral and maxillofacial surgery at University of Florida’s Center for Implant Dentistry. He has conducted research into the fit of CAD/CAM implant abutments and has a special interest in dento-facial esthetics and implant rehabilitation of the edentulous patient. Hamilton practices at the Harvard Dental Center focusing on prosthodontic and surgical implant treatment.
ORAL AND MAXILLOFACIAL SURGERY


ORAL MEDICINE, INFECTION AND IMMUNITY


A publication of the Office of Research
188 Longwood Avenue — Boston, MA 02115
www.hsdm.harvard.edu

Bjorn R. Olsen, MD, PhD, Dean for Research
Dawn M. DeCosta, Editor and Layout
Heather M. Denny, Editing
Leanne Jacobellis, Editing
Lia Sgourakes, Editing

For information regarding the Research Bulletin, please contact
Dawn DeCosta at dawn_decosta@hsdm.harvard.edu, or 617.432.1121.