

Biography



LUISA A. DIPIETRO, DDS, PHD
Center for Wound Healing & Tissue Regeneration
College of Dentistry
University of Illinois at Chicago
Chicago, Illinois
USA

Dr. Luisa A. DiPietro received both a DDS degree and a PhD in Immunology from the University of Illinois at Chicago (UIC), and completed a general practice residency in Dentistry at the Michael Reese Hospital in Chicago. From 1993–2006, she was a member of the faculty of the Stritch School of Medicine at Loyola University in Chicago where she served as the Vice Chair of Research in the Department of Surgery as

well as the Associate Director of the Burn & Shock Trauma Institute. Dr. DiPietro is now Professor and Associate Dean of Faculty Affairs at the UIC College of Dentistry as well as the Director of the UIC Center for Wound Healing & Tissue Regeneration. The major interests of her research laboratory are the regulation of inflammation, angiogenesis, and scar formation at sites of injury.

Biography



GABRIELLE FREDMAN, PHD

Post-Doctoral Fellow
Center for Experimental Therapeutics & Reperfusion Injury
Department of Anesthesiology, Perioperative & Pain Medicine
Brigham & Women's Hospital
Harvard Medical School
Boston, Massachusetts
USA

Dr. Gabrielle Fredman received a BS degree in Biology from Boston University in 2004. After working for 1 year as a research technician in the laboratory of Dr. Charles Serhan at Brigham & Women's Hospital/Harvard Medical School, she entered graduate school at Boston University in the Department of Oral Biology & Periodontology with Dr. Thomas E. Van Dyke. Her graduate work focused on the role of platelets in the resolution of inflammation and dysregulated

resolution programs in Localized Aggressive Periodontitis. Dr. Fredman earned her PhD in May of 2009 and re-joined the Serhan Laboratory to study lipid mediators and microRNAs in the resolution of inflammation. In July of 2011 she joined the laboratory of Dr. Ira Tabas at Columbia University in New York and her current research interests are elucidating the mechanisms of impaired resolution programs in atherosclerosis.

Biography



LARI HÄKKINEN, DDS, PHD

Associate Professor
Laboratory of Periodontal Biology
Department of Oral Biological & Medical Sciences
Faculty of Dentistry
University of British Columbia
Vancouver, Canada

Dr. Lari Häkkinen received his DDS degree in 1986 and his PhD in 1995 from the Faculty of Dentistry, University of Turku in Turku, Finland. Since 1996 he has been at the Faculty of Dentistry, University of British Columbia in Vancouver, Canada where he currently holds an Associate Professor position in the

Department of Oral Biological & Medical Sciences. Dr. Häkkinen's primary research areas of interest are cellular and molecular mechanisms in wound healing, scar formation, and fibrosis, with a specific emphasis on cell and extracellular matrix interactions, cell to cell communication, and fibroblast and stem cell biology.

Biography



LEENI KOIVISTO, PHD

Research Associate
Laboratory of Periodontal Biology
Department of Oral Biological & Medical Sciences
Faculty of Dentistry
University of British Columbia
Vancouver, Canada

Dr. Leeni Koivisto received her MSc degree in Biochemistry in 1990 and her PhD in Medical Biochemistry & Molecular Biology in 2005 from the University of Turku, Finland. She has been a Research Associate in the Laboratory of Periodontal Biology at the Uni-

versity of British Columbia, Department of Oral Biological & Medical Sciences in Vancouver, Canada since 2004. Her areas of interest are the biology of epithelial integrins as well as the mechanisms of keratinocyte migration and wound re-epithelialization.

Biography



HANNU LARJAVA, DDS, PHD, DIP PERIO
Professor and Chair, Division of Periodontics & Dental Hygiene
Department of Oral Biological & Medical Sciences
Faculty of Dentistry
University of British Columbia
Vancouver, Canada

Dr. Hannu Larjava is Professor and Chair of the Division of Periodontics & Dental Hygiene in the Faculty of Dentistry at the University of British Columbia in Vancouver, Canada. He graduated with a DDS from the University of Turku, Finland in 1978, completed his PhD in 1984, and finished his specialty training in

periodontics in 1987. Dr. Larjava furthered his research training as a post-doctoral fellow at NIH from 1987–1988. He joined UBC in 1993 as Chair of the Division of Periodontics & Dental Hygiene and as Director of the Graduate Periodontics Program. His research is focused on wound healing and cell adhesion.

Biography



CAROL OAKLEY, DDS, MSC, PHD

Clinical Associate Professor
Department of Oral Biological & Medical Sciences
Faculty of Dentistry
University of British Columbia
Vancouver, Canada

Dr. Carol Oakley completed her undergraduate and dental degrees at the University of Alberta. After 10 years in general dental practice, she attended the University of British Columbia to complete her Diploma in Periodontics, Diploma in Oral Medicine, and her

MSc and PhD degrees. Dr. Oakley maintains a part-time periodontics practice and is a Clinical Associate Professor in the Department of Oral Biological & Medical Sciences, Faculty of Dentistry, at the University of British Columbia in Vancouver, Canada.

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PETER POLVERINI, DDS, DMSC

Professor and Dean
School of Dentistry
University of Michigan
Ann Arbor, Michigan
USA

Dr. Peter J. Polverini is the Dean of the University of Michigan School of Dentistry. He holds a bachelor's degree in Biology and a DDS from Marquette University. Dr. Polverini completed specialty training in Oral & Maxillofacial Pathology at the Harvard School of Dental Medicine and was awarded a Doctor of Medical Sciences degree from Harvard University.

Dr. Polverini's research focuses on angiogenesis and its role in cancer progression, inflammatory disease, and therapeutic resistance. He is the author or co-author of more than 150 scientific articles, textbooks, and chapters in textbooks. Dr. Polverini has given more than 80 presentations to groups in the

United States and overseas. He is an editorial consultant for more than 30 scientific journals and holds four patents.

Dr. Polverini is a Diplomate of the American Board of Oral & Maxillofacial Pathology, a recipient of the Distinguished Scientist Award in Oral Medicine & Pathology from the International Association for Dental Research, and a Fellow of the American Association for the Advancement of Sciences. He was elected to the Institute of Medicine of the National Academies in 2010. Dr. Polverini will assume the Presidency of the American Association for Dental Research in March of 2013.

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CHARLES N. SERHAN, PHD

The Simon Gelman Professor of Anaesthesia
Department of Biochemistry & Molecular Pharmacology
Harvard Medical School
Director, Center for Experimental Therapeutics & Reperfusion Injury
Department of Anesthesiology, Perioperative & Pain Medicine
Brigham & Women's Hospital
Professor, Department of Oral Medicine, Infection & Immunity
Harvard School of Dental Medicine
Boston, Massachusetts
USA

Professor Charles N. Serhan is the Simon Gelman Professor of Anaesthesia in the Department of Biochemistry & Molecular Pharmacology at the Harvard Medical School and Professor of Oral Medicine, Infection & Immunity at the Harvard School of Dental Medicine. Since 1995, he has served as the Director of the Center for Experimental Therapeutics & Reperfusion Injury at Brigham & Women's Hospital. Dr. Serhan received his Bachelor of Science in Biochemistry from Stony Brook University in New York and his doctorate in Experimental Pathology & Medical Sciences from the New York University School of Medicine. He was a Visiting Scientist from 1982–1986 at the Karolinska Institutet, Stockholm with Professor Bengt Samuelsson and in 1987 joined the Harvard faculty.

In 1996, Dr. Serhan received an honorary degree from Harvard University and has since won several awards/honors including an NIH Merit Award

(2000), MacArthur Research Service Award (2003), and Outstanding Scientist Award in Inflammation Research (2004). He delivered the LSU Chancellor's Neuroscience Award Lecture (2006), NIH Kreshover Lecture (2005), Dart/NYU Biotechnology Outstanding Achievement Award (2007), Sir John Vane Memorial Lecture (2008), and received the William Harvey Outstanding Scientist Medal. In 2010, Dr. Serhan delivered the Kern Lecture "in recognition of outstanding research on lipids" and received the Society of Leukocyte Biology Bonazinga Award (2010) for "excellence in leukocyte research, the highest honor that the society can bestow." He was elected a Fellow of the American Association for the Advancement of Science (2010), delivered the Lawrence Tabak NIH Lectureship for Excellence in Oral Biology and the American College of Rheumatology Hench Lecture (2011), and is an Honorary Fellow from Queen Mary College, University of London.

Biography



ANNA TURABELIDZE, BS
Center for Wound Healing & Tissue Regeneration
College of Dentistry
University of Illinois at Chicago
Chicago, Illinois
USA

Ms. Turabelidze received her Bachelor of Science degree from the University of Missouri, Columbia. She is a DDS/PhD candidate at the University of

Illinois, Chicago. Her research focus is on the healing differences between oral and skin wounds.