Meet-a-Mentor Lunch for New Investigators
Friday, June 24, 2016
12:30 p.m. – 1:45 p.m.
Coex Convention Center

The Meet-a-Mentor luncheon session format is designed to enhance the learning experience for new investigators. This is an opportunity for all new investigators to network with noted mentors in specific research fields. Senior scientists, who are also past recipients of the IADR Distinguished Scientist Award and/or past Mentor Awardees, will lead motivational and realistic discussions about the paths they took during their academic careers.

SPEAKERS – Tables #1-6:

Table #1
Speaker: Periodontal Disease

Mark Bartold (University of Adelaide, Australia)

Mark Bartold is professor of periodontics and director of the Colgate Australian Clinical Dental Research Centre at the University of Adelaide. He is a past president of the International Academy of Periodontology and the ANZ Division of the IADR, the Asian Pacific Society of Periodontology, the IADR Periodontal Research Group and the Division of Periodontics of the Royal Australasian College of Dental Surgeons. He is a member of the editorial board of eight international dental journals an associate editor of the *Journal of Periodontal Research* and editor of the *Australian Dental Journal*. Bartold’s research interests are focused on the use of periodontal stem cells with bioactive scaffolds for periodontal regeneration and the relationship between rheumatoid arthritis and periodontal inflammation. In 2004 he was awarded membership of the Order of Australia for his contributions to periodontal research and education. He has received numerous awards for his research contributions the most recent being the Straumann/IADR Award for Periodontal Regenerative Medicine and the IADR Distinguished Scientist Award for Research in Periodontal Disease. He has authored over 250 scientific articles, and holds four patents arising from his research work.
Peter Holbrook graduated in dentistry from Edinburgh University in 1972, and then researched gram-negative anaerobic bacteria in the same University obtaining his Ph.D. in 1976. He worked in Manchester University and Edinburgh University, completing specialist training in medical microbiology and oral medicine. In 1981 he moved to Iceland. He is a professor at the University of Iceland and a specialist in oral medicine at the Landspitali National University Hospital. In Iceland, Holbrook’s research interests widened to include, for example, cariogenic bacteria, caries risk assessment, tooth erosion and several oral medicine projects. From 1998 he has collaborated extensively with the Faculty of Pharmacy in the University of Iceland on various research projects particularly related to local drug development. He has served on the Icelandic Science Council, the Research Fund of the University of Iceland, has published over 100 papers in refereed journals and presented over 150 communications to scientific meetings. Holbrook has sat on the Editorial Boards of four international dental journals and was the editor-in-chief of ACTA Odontologica Scandinavica from 2010-2014. He was president of the Scandinavian Division of the International Association for Dental Research (NOF/IADR) 1997-99 and again in 2007. He was president of the Pan European Region of IADR 2002-03 and has served on several IADR Committees. In 2005, Holbrook was honored by the Royal College of Surgeons of Edinburgh with a fellowship in dental surgery ad hominem and in 2015 he was awarded the IADR Distinguished Scientist Award in Pharmacology, Therapeutics and Toxicology.

Bart Van Meerbeek obtained his D.D.S. in 1988 and Ph.D. in 1993, both at Katholieke Universiteit Leuven (KU Leuven). Appointed by the Research Foundation of Flanders, he conducted research abroad in 1994 at University of Texas Health Science Center at San Antonio, USA, and later also for three months at University of Missouri – Kansas City, USA. In 1995, he obtained tenure at KU Leuven and since then teaches biomaterial sciences. From 2000 to 2010, he was appointed research professor at KU Leuven, having mainly a research task. He then founded the BIOMAT research group and is currently the head of BIOMAT with about 20 Ph.D. and postdoctoral researchers. In 2005 he was promoted to full professor. In parallel he was appointed in 2004 at the University Hospitals Leuven to become section head in 2009. His primary research involves studies related to dental adhesive technology. Newer research lines deal with dental ceramics, cariogenicity and biocompatibility of dental materials, bioactive materials and pulp-preservation material technology. His research has been published in more than 280 international journals and has been honoured with awards, such as: triennial Robert Stock Award for Biomedical Sciences (1996), Award in Biomedical Sciences of the Research Council of KU Leuven (1998), IADR Young Research Award (2000), 2014 IADR/AADR William J. Gies Award, 2015 IADR Wilmer Souder Award (Dental Materials). Since 2003, he is holder of the Toshio Nakao Chair for Adhesive Dentistry at KU Leuven. He was president of IADR/PEF in 2006-2007, and he is currently secretary of CED-IADR. Since 2004, he is editor-in-chief of the Journal of Adhesive Dentistry.
Athena Papas is the Erling Johansen Professor of Dental Research, and the head of the Division of Oral Medicine at Tufts University School of Dental Medicine. She received her dental degree from Harvard University, Boston, Mass., USA, and her Ph.D. in oral biology from Massachusetts Institute of Technology, Cambridge, USA. She had a pre-doctoral fellowship at Massachusetts General Hospital and a post-doctoral Fellowship at Children’s Hospital. As principal investigator she has led over 100 studies in the fields of geriatric dentistry, cancer, HIV, Sjögren’s Syndrome, xerostomia and medically compromised patients. Her Ph.D. thesis was the isolation and characterization of a phosphoprotein, which controls mineralization in enamel. Papas has worked in multiple areas of translational research, including medication and device therapies. Her significant accomplishments include: studies on the treatment of mucositis and caries in HSCT and radiation therapy patients; clinical trials to bring products such as Duraphat, Enamelon, Caphosol, Salagen, Pro-Health and Sensistrip to market; and studies on the effects of medication on the oral cavity in order to develop treatment protocols for high risk populations. For Sjögren’s Syndrome, she has studied the microbiome, proteome and has worked to identify a biological target for the disease. She was PI of the Prevention of Adult Caries Study, a multicenter FDA clinical trial of a chlorhexidine coating. In the past, she has worked with the Pearl Network on a bisphosphonate necrosis, implants and deep caries. She has conducted research on Nutrition and Oral Health and recently did mortality studies on these participants.

Masaharu Takigawa is professor & director of the Advanced Research Center for Oral and Craniofacial Sciences, Okayama University Dental School/Graduate School of Medicine, Dentistry and Pharmaceutical Sciences in Okayama, Japan. He began his career as a cell biologist after graduating from Osaka University Dental School and completion of his Ph.D. in biochemistry at Osaka University. Following a research associateship in the McArdle Laboratory for Cancer Research at the University of Wisconsin, Madison, USA, he became a faculty member in the Department of Biochemistry at Osaka University of Dentistry, before joining Okayama University Dental School where he has held multiple positions, including dean. For the past four decades, he has delved into multiple aspects of the structure and function of cartilage, making key observations relevant to oral biology. Takigawa has published nearly 300 original articles, many in prestigious scientific journals. He has also developed and shared worldwide several key cellular resources that promote advances in cartilage biology, including the HCS-2/8 cell line, which retains a chondrocytic phenotype. With his re-discovery of connective tissue growth factor/CCN family protein 2 as a key molecule promoting endochondral ossification and cartilage regeneration, Takigawa pioneered a new field, integrating his knowledge in oral biology with that of the CCN family, and providing novel insights. As a forerunner in this field, Takigawa co-founded the International CCN Society in 2002 and is currently president-elect of the Scientific Board of the International CCN Society. He was the recipient of the 2015 IADR Distinguished Scientist Award for Research in Oral Biology.
Jeremy J. Mao is currently professor at Columbia University and Edwin Robinson Endowed Chair. Mao began his faculty career as an assistant professor at University of Pittsburgh at a time when tissue engineering became an emerging discipline. Mao’s earlier work in tissue engineering involved the culture of mesenchymal stem/progenitor cells and their directed difference towards several skeletal lineages. In 2000, Mao was recruited to the University of Illinois and while in Chicago, he published ground-breaking work on the use of stem cells in regenerating cartilage structures. In Chicago, Mao’s laboratory had two inventions that later became a technology that received FDA approval as a product in 2011. In 2006, Mao was recruited to Columbia University to build the interface between stem cell biology and tissue engineering. Mao’s research team has been at Columbia for the past ~10 years and made several important discoveries including a cover article in the Lancet. In addition, Mao’s work has been published in Nature Medicine, Lancet, Science Translational Medicine, Cell Stem Cell, JCI, etc. Specifically with a Lancet report in 2010, Dr. Mao’s research group proposed the concept of regeneration by cell homing. Mao has published over 260 scientific papers and proceedings, and written 2 books. Mao’s research has led to over 70 patents and establishment of 2 biotechnology companies. Mao has received a number of prestigious awards including Yasuda award, IADR Distinguished Scientist Award and Spenadel Award. Mao is consultant to funding agencies in the United States (NIH, NSF, DARPA), and over 18 other countries.