



## Optimized Patient Care: Converting Osseointegration to *Patient*integration

The Academy of Osseointegration (AO) is the global leader in research and clinically relevant information relative to oral implant and associated care for optimal outcomes. In addition to a series of meetings per year focused on education and dissemination, the Academy in 1996 began holding a Workshop or Summit every 4 years. The driving question behind the purpose of this Summit, held August 8–10, 2018 in Oak Brook, IL, was to determine if there may be elevated risk factors attributable to local or systemic issues, suggested by recent literature.

This 3-day workshop was the culmination of dedicated work by 70 international clinician-scientists working in three teams under the guidance of three chairpersons. There were also professional member dental organizations represented, including the American Association of Oral and Maxillofacial Surgeons (AAOMS), the American Academy of Periodontology (AAP), and the American College of Prosthodontists (ACP).

The Summit received strong financial and participatory support from the Academy of Osseointegration Foundation (AOF) along with strong financial support from many corporate friends of the AO. The AO board and the membership of the Academy sincerely thank both the AOF and our corporate friends for their support. The AOF content experts and our corporate leaders in the fields of implant therapy and biologics listened and learned as all the content experts debated the three topic areas.

Participants discussed three questions for the Summit, each researched and presented by one of three working groups. Framed around outcomes or impact on long-term osseointegration, the questions addressed: *Primary Stability and Osseointegration* (Group 1); *Inflammation and Osseointegration* (Group 2); and *Systemic Health, Medications, and Osseointegration* (Group 3). Leading the groups were Drs John B. Brunski (Biomaterial/Bioengineering), Stanford University, CA (Group 1); Joseph P. Fiorellini (AO Director and Periodontist), University of Pennsylvania, Philadelphia, PA (Group 2); and Tara L. Aghaloo (AO Secretary and Associate Professor, Oral and Maxillofacial Surgery), UCLA, Los Angeles, CA (Group 3). Prior to the meeting, the three teams built formal systematic reviews on the three topic areas and came prepared to debate within the general session. After an initial breakout session, each of the chairs provided an overview of their group's outcomes, followed by a 60-minute plenary presenter and a clinical presentation for the entire audience. A moderated and dynamic discussion followed each plenary speaker and the clinical case presentation. The plenary presenters were Dr Rick Sumner, Mary Lou Bell McGrew Presidential Professor for Medical Research and Chair of the Department of Cell and Molecular Medicine at Rush University Medical Center in Chicago (Group 1); Dr Flavia Teles, Associate Professor, Department of Microbiology, University of Pennsylvania School of Dental Medicine (Group 2); and Dr Susan Bukata, Orthopedic Surgeon, Ronald Reagan UCLA Medical Center, Department of Orthopedic Surgery, Santa Monica, CA (Group 3).

Following the meeting, the outcomes of the debates were incorporated into the final three papers published in this special supplemental edition of JOMI as a service to the AO membership. Thank you to all of the experts who worked very hard in preparing for this Summit and the AOF and Corporate friends of the AO who supported this important contribution to patient care.

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