

**2023 IADR/LAR General Session with WCPD  
Keynote Addresses**

**Behavioral, Epidemiological and Health Research Services Research**

*Trendley Dean's Legacy and the Value of Observational Data*

Loc Do (University of Queensland, Australia)

*Non-Random Reflections on Oral Health Inequalities Research*

Georgios Tsakos (University College London, UK)

**Cariology Research**

*Contemporary Caries Management; Decision-Making Using the Minimum Intervention Oral Care Delivery Framework*

Avijit Banerjee (King's College London, UK)

**Craniofacial Research**

*New Advances in Gene Therapy to Repair and Regenerate Craniofacial and Dental Tissues*

Brad Amendt (University of Iowa, Iowa City, USA)

**Dental Materials**

*Fatigue Behavior of Bulk Fill Restoratives*

Marcia Borba (University of Passo, São José, Brazil)

*Unveiling the Potential of Melt Electro-writing in Regenerative Dental Medicine*

Arwa Dagherery (University of Michigan, Ann Arbor, USA)

*"Chameleon Effect" of Resin Composites: Optical Illusion or Physical Reality?*

Rade Paravina (University of Texas at Houston, USA)

*Small but Mighty: Microfluidics for Unravelling Host-Microbiome and Host-Material Interactions*

Gopu Sriram (National University of Singapore, Singapore)

*Novel Machining and Sintering Technologies for State-of-the-art Digital Dentistry*

Yu Zhang (Shanghai Jiao Tong University, Shanghai, China)

**International Network for Orofacial Pain and Related Disorders Methodology**

*Socioeconomic Inequities and Pain Over the Life Course*

Flavia Kapos (University of Washington, Seattle, USA)

*Psychosocial Perspectives on Painful TMDs: Mechanism, Measurement, and Management*

Richard Ohrbach (University of Buffalo, New York, USA)

*Too Many Decisions: Uncertainty in Temporomandibular Disorders (TMD)*

Justin Durham (Newcastle University, UK)

**Lasers & Bio-photonics Group**

*Keynote Address: What We know and Do Not Know, But We Should Know About Lasers in Periodontal and Implant Therapy*

Sonali Sharma (Army Dental Centre Research, Delhi, India)

**Minimally Invasive Dentistry Network**

*Overview of the Principles of Caries Disease Management*

Sandra Guzman-Armstrong (University of Iowa, Iowa City, USA)

**Neuroscience**

*Achievements and Challenges in Phenotyping the Chronic Orofacial Pain Patient: Unravelling the Mechanism-based Therapy*

Paul Conti (Bauru School of Dentistry University of Sao Paulo, Brazil)

**Pulp Biology and Regeneration Group**

*The Role of Stem Cells Beyond Pulp Regeneration*

Nikita Ruparel (UT Health Science Center at San Antonio, USA)

**Periodontal Research**

*Translational Research in Regenerative Periodontal Therapy: From the Lab to the Clinic*

Anton Sculean (University of Bern, Bern, Switzerland)

**Salivary Research**

*Influences of the Irradiated Environment on Salivary Gland Dysfunction*

Isabelle Lombaert (University of Michigan, Ann Arbor, USA)