

## 2019-2020 MTG Officers

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## News and Views

Greetings MTG members! We hope you had a happy and productive start to 2020. Please join us at the 2020 Centennial IADR/AADR/CADR conference in Washington, DC, from March 18-21. We have an exciting and extensive scientific program including symposia, oral sessions, poster sessions, and breakfast breakthroughs, and these are outlined on the following pages.

### Election Results

The IADR MTG executive board welcomes **Dr. Stefan Habelitz** (University of California San Francisco) as our new Vice-President as of the 2020 IADR meeting. Thanks to all who ran for this office and for those who voted in the election.

### MTG sessions at 2020 IADR/AADR/CADR

MTG-sponsored sessions are listed below. Make sure to catch the **Keynote Address** from Dr. Janet Moradian-Oldak on Thursday, 3/19 at 8:00 am. Please try to attend the **MTG business meeting** on Thursday at 5:00-6:00 pm to hear

about current and future group activities, provide feedback, and applaud the student travel award winners. Network with colleagues and meet new friends at our **Joint Reception** with Craniofacial, Stem Cell, and Pulp Biology groups, which follows the business meeting at 6:00 pm on Thursday.

### Wednesday, March 18

**Symposium:** What Amazing Tendon Cells: Forming a New Type of Craniofacial Bone

Organizer(s): Jian Feng (Texas A&M University, Dallas, USA)

Sponsoring Group/Network(s): Mineralized Tissue, Craniofacial Biology Research

8:30-10:00 am

Convention Center (CC) 151B

**Oral Session:** Skeletal Development & Bone Fracture Repair

Sponsoring Group/Network(s): Mineralized Tissue

8:30-10:00 am

CC 146B

**Symposium:** Inflammation and Regeneration of the Dentin-pulp Complex

Organizer(s): Anne George (University of Illinois at Chicago, USA)

Sponsoring Group/Network(s): Pulp Biology & Regeneration, Mineralized Tissue, Stem Cell Biology Research

10:15-11:45 am

CC 151B

**Symposium:** Inorganic Ions: Another Piece in a Molecular Signaling Puzzle

Organizer(s): Dobrawa Napierala (University of Pittsburgh, Pennsylvania, USA)

Sponsoring Group/Network(s): Mineralized Tissue, Craniofacial Biology Research, Pulp Biology & Regeneration Research

10:15-11:45 am

CC 143C

**Symposium:** Novel Biomimetic Strategies for Enamel Remineralization

Organizer(s): Bennett Amaechi (University of Texas Health San Antonio, USA)

Sponsoring Group/Network(s): Cariology Research, Mineralized Tissue

1:30-3:00 pm

CC 144AB

**Symposium:** 3D Printing in Oral Mineralized Tissue

Organizer(s): Lobat Tayebi (Oregon Health and Science University, Portland, USA)

Sponsoring Group/Network(s): Mineralized Tissue, Clinical and Translational Science Network, Oral & Maxillofacial Surgery Research, Dental Materials, Prosthodontics Research, Craniofacial Biology Research

3:15-4:45 pm

CC 158AB

**Symposium:** Regenerative Dentistry

Organizer(s): Peter Ma (University of Michigan, Ann Arbor, USA); Pamela Yelick (Tufts University, Boston, Massachusetts, USA)

Sponsoring Group/Network(s): Stem Cell Biology Research, Craniofacial Biology Research, Mineralized Tissue, Oral & Maxillofacial Surgery, Pulp Biology & Regeneration  
3:15-4:45 pm  
CC 146B

### Thursday, March 19

**Oral Session: Keynote Address: Enamel Formation, Structure & Pathology**

8:00 – 9:30 am  
CC 146A

**Keynote Address:** Enamel Protein Interactions, Function and Application in Tooth Repair  
Janet Moradian-Oldak (University of Southern California, Los Angeles, USA)

8:00-8:30 am  
CC 146A

**Poster Session:** Other Topics in Mineralized Tissue Research

11:00 am – 12:15 pm  
CC Hall D

**ePoster Discussion Session:** Pathogenesis of Caries

11:00 am - 12:15 pm  
CC Hall D (ePoster Pod 6)

**Oral Session:** Enamel, Dentin & Periodontium

2:00-3:30 pm  
CC 151B

**ePoster Discussion Session:** Mineralized Tissue

3:45-5:00 pm  
CC Hall D (ePoster Pod 3)

**Poster Session:** Enamel

3:45-5:00 pm  
CC Hall D

**MTG Business Meeting**

5:00-6:00 pm  
CC 152A

**Joint Reception of the IADR Stem Cell Biology, Mineralized Tissue, Craniofacial Biology, and Pulp Biology and Regeneration Research Groups**

6:00-7:30 pm  
CC 202B

### Friday, March 20

**Breakfast Breakthrough:** Natural Products as Key Players in Bone Homeostasis and Regeneration (Table #21)

Speaker: Patricia Miguez (University of North Carolina, Chapel Hill, USA)

Sponsoring Group/Network(s): Mineralized Tissue, Periodontal Research, Women in Science Network  
7:00-7:45 am

CC 202B

**Symposium:** Enamel Defects as Biomarkers for In-Utero Exposure to Environmental Stressors

Organizer(s): Sylvie Babajko (INSERM, Paris, France), Rena D'Souza (U. of Utah, Salt Lake City, USA)

Sponsoring Group/Network(s): Pediatric Oral Health Research, Mineralized Tissue, Pharmacology/Therapeutics/Toxicology

8:00-9:30 am

CC 159AB

**Oral Session:** Osteoblasts, Osteocytes & Osteoclasts I

8:00 – 9:30 am

CC 152A

**Poster Session:** Osteoblasts, Osteocytes & Osteoclasts II

11:00-12:15 am

CC Hall D

Organizer(s): Venu Varanasi (University of Texas at Arlington, USA); Simon Young (The University of Texas Health Science Center, Houston, USA);

Neelam Ahuja (University of Texas at Arlington, USA)

Sponsoring Group/Network(s): Oral & Maxillofacial Surgery Research, Mineralized Tissue, Craniofacial Biology Research

8:00-9:30 am

CC 156

**Poster Session:** Dentin

11:00 am – 12:15 pm

CC Hall D (3031-3035)

**Poster Session:** Periodontium

3:45-5:00 pm

CC Hall D (3506-3510)

## Saturday, March 21

**Symposium:** Biomimetic Dentistry: How Do We Heal, How Do We Destroy?

Organizer(s): Aylin Baysan (Queen Mary University, London, England)

Sponsoring Group/Network(s): Cariology Research, Dental Materials, Clinical and Translational Science Network, Pediatric Oral Health Research, Oral Health Research, Mineralized Tissue

8:00-9:30 am

CC 143AB

**Symposium:** Bone-muscle Crosstalk for Craniofacial and Musculoskeletal Bone Defect Repair