

IADR Mineralized Tissue Research Group



2020-2021 MTG Officers

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News and Views

Greetings MTG members! Please join us at the virtual 2021 IADR/AADR/CADR General Session & Exhibition. We have an exciting and diverse scientific program including symposia, oral sessions, poster sessions. Sessions are outlined on the following pages.

Election Results

The IADR MTG executive board welcomes two new members who will assume their positions at 2021 the Business Meeting during the IADR/AADR/CADR meeting. Dr. Karina Carneiro (University of Toronto) will step into the role of Secretary/Treasurer and Dr. Alvaro Mata (University of Nottingham) becomes our new Vice-President. Welcome!

MTG sessions at 2021 IADR/AADR/CADR

The IADR virtual experience platform for the 2021 conference can be accessed <u>here</u>. For help with the platform, go to the <u>attendee guide</u>. MTG-sponsored sessions are listed below with

Headline banner shows murine mandibular bone osteocytes and their lacunocanalicular network as visualized by Ploton silver stain. Image courtesy of Dr. Fatma Mohamed (Ohio State University, Columbus, OH).

hyperlinks to the sessions. All sessions are listed in **EASTERN U.S. DAYLIGHT TIME (-4 UTC)**. Please attend the <u>MTG business meeting</u> that takes place **Monday**, **7/12 at 4:00-5:00 pm**. We will discuss ongoing and future group activities, solicit feedback from members, and applaud the young investigator travel award winners. Make sure to catch the <u>Keynote Address</u> from Dr. Anne George on **Saturday**, **7/24 at 8:00 am**.

Wednesday, July 21

Symposium: New Technologies and Strategies for <u>Tissue Engineering</u> Sponsoring Group/Network(s): PB, DM, MTG Zoom 8 8:00 – 9:30 am

Poster Session: Remineralization, Regeneration and Therapies Sponsoring Group/Network(s): MTG

Zoom 43 11:00 am-12:00 pm

Poster Session: Osteoclasts and Tissue

<u>Remodeling</u> Sponsoring Group/Network(s): MTG Zoom 44 11:00 am-12:00 pm

Symposium: 3D-Printing in Oral Mineralized Tissue Sponsoring Group/Network(s): MTG, OMS, CRAN, DM Zoom 4 1:30 – 3:00 pm

Oral Session: Ionic Effects on the Biological Control of Mineralization Sponsoring Group/Network(s): MTG Zoom 15 1:30 - 3:00 pm

Poster Session: Alveolar Bone and Periodontal

<u>Ligament</u> Sponsoring Group/Network(s): MTG Zoom 44 3:45-4:45 pm

Thursday, July 22

Poster Session: Enamel Development and Structure

Sponsoring Group/Network(s): MTG Zoom 44 11:00 am – 12:00 pm

Focused Learning Session #9: Mechanistic Understanding of Natural Products in Bone Homeostasis (Requires additional registration) Sponsoring Group/Network(s): MTG, PR, WSN 12:30 – 1:45 pm

Symposium: Inflammation and Regeneration of the Dentin-pulp Complex Sponsoring Group/Network(s): SCB, MTG Zoom 2 2:00 – 3:30 pm Poster Session: Mesenchymal Stem Cells and Odontogenesis Sponsoring Group/Network(s): MTG Zoom 44 3:45 – 4:45 pm

Friday, July 23

<u>Oral Session: Regeneration, Repair and Therapies</u> for Dental Tissues Sponsoring Group/Network(s): MTG Zoom 15 8:00 – 9:30 am

Poster Session: Aging of Mineralized Tissues

Sponsoring Group/Network(s): MTG Zoom 43 11:00 am – 12:00 pm

Symposium: Focus on the Biology of Implant

<u>Osseointegration</u> Sponsoring Group/Network(s): IMP, MTG Zoom 6 2:00 – 3:30 pm

Symposium: Clinical Translation of Tissue Engineering & Regenerative Medicine Technologies Sponsoring Group/Network(s): CRAN, SCB, MTG Zoom 10 2:00 – 3:30 pm

Poster Session: Congenital tooth development and disease-related mineralization Sponsoring Group/Network(s): MTG Zoom 44 3:45 – 4:45 pm

Saturday, July 24

Keynote Address: Extracellular Matrix Proteins

Sponsoring Group/Network(s): MTG Zoom 15 8:00 – 9:30 am

Symposium: Bone-Muscle Crosstalk and its Involvement in Craniofacial Bone Defect Repair Sponsoring Group/Network(s): OMS, CRAN, MTG Zoom 10 8:00 – 9:00 am

Poster Session: Osteogenesis

Sponsoring Group/Network(s): MTG Zoom 43 11:00 am – 12:00 pm

Symposium: Therapies for TMJ by Understanding Unique Characteristics Versus Appendicular Joints Sponsoring Group/Network(s): CRAN, MTG, SCB Zoom 1 2:00 – 3:30 pm

Symposium: Inorganic Ions–Another Piece in a Molecular Signaling Puzzle Sponsoring Group/Network(s): MTG, CRAN Zoom 6 2:00 – 3:30 pm