

December **2** (Fri) - **3** (Sat), 2022

Virtual Meeting (Zoom)

* Instructions to be announced
* Meeting held in English
* Q&A Sessions are accepted both English or Japanese

Provide Forums for Discussion with Distinguished Experts and Develop Next Generation Leaders of Bone and Musculoskeletal Research Through Scientific Communication

Steering Committee

Toshio Matsumoto (Tokushima University)
Tomoki Nakashima (Tokyo Medical and Dental University)

Sakae Tanaka (The University of Tokyo)
Atsushi Suzuki (Fujita Health University)

Friday, December 2, 14:00-18:00 (Day 1)

Time	Topic	Speaker	Moderator
14:00	Opening Remarks		Atsushi Suzuki
14:05	Expert Lecture 1	Atsushi Kumanogoh (Osaka University) An Axonal Guidance Cue Couples Systemic Metabolism and Myelopoiesis by Tuning Sympathetic Innervations	
14:40	Lecture 1	Chisa Shukunami (Hiroshima University) Characterization of Cell Populations that Contribute to Formation and Maintenance of the Fibrocartilaginous Enthesis	Atsushi Suzuki (Fujita Health University)
15:05	Communication 1	Tomoka Hasegawa (Hokkaido University) PTH-Pi interaction on Osteocytes in CKD rats with Secondary Hyperparathyroidism	
15:20	Expert Lecture 2	Hiroshi Takayanagi (The University of Tokyo) Osteoimmunology and Bone Destruction in Arthritis	
15:55	Lecture 2	Akinori Sakai (University of Occupational and Environmental Health) Distal Radius Fractures and Osteoporosis	Yoshiya Tanaka (University of Occupational and Environmental Health)
16:20	Communication 2	Masahiko Takahata (Hokkaido University) Siglec15 Is a Critical DAP12-associated Immunoreceptor of Remodeling Osteoclasts	
16:35	Break		
16:40	Lecture 3	Toshimi Michigami (Osaka Women's and Children's Hospital) Hypophosphatasia; Pathogenesis, Diagnosis and Treatment	
17:05	Communication 3	Hirofumi Komaba (Tokai University) Elevated PTH Induces Weight Loss and Associates with Mortality in Kidney Failure	Tomoki Nakashima (Tokyo Medical and Dental University)
17:20	Global Expert Lecture 1	Ralf Adams (Max Planck Institute for Molecular Biomedicine) Heterogeneity and Functional Specialization of Blood Vessels in Bone	
17:55	Closing Remarks		Tomoki Nakashima

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Saturday, December 3, 8:45-12:55 (Day 2)

Time	Topic	Speaker	Moderator
8:45	Opening Remarks		Sakae Tanaka
8:50	Global Expert Lecture 2	Charles O'Brien (University of Arkansas for Medical Sciences) Humanized RANKL Mice to Study Rebound Resorption	
9:25	Lecture 4	Taku Saito (The University of Tokyo) Mechanobiology of Synovial Joint	Sakae Tanaka (The University of Tokyo)
9:50	Communication 4	Kenji Hata (Osaka University) Novel Chondrocyte-specific Sox9 Enhancer Elements Coordinate Skeletal Development	
10:05	Global Expert Lecture 3	Tony Keaveny (University of California Berkeley) Assessing the Effects of Osteoanabolic Agents on Hip and Spine Strength Using Biomechanical Computed Tomography Analysis (BCT)	
10:40	Lecture 5	Takayoshi Nakano (Osaka University) Preferential Degree of Collagen/Apatite as a Bone Quality Index and the Stress Response	Masako Ito (Nagasaki University)
11:05	Communication 5	Ko Chiba (Nagasaki University) Efficacy of Osteoporosis Drugs on Bone Microarchitecture: Analysis by HR-pQCT	
11:20	Break		
11:25	Global Expert Lecture 4	Michael McClung (Oregon Osteoporosis Center) Osteoanabolic Therapy and Optimal Treatment Sequences	
12:00	Lecture 6	Noriko Yoshimura (The University of Tokyo) Trends of Prevalences of Osteoporosis and Osteoarthritis Over a 10-year Period in Japan: The ROAD study 2005-2015	Toshio Matsumoto (Tokushima University)
12:25	Lecture 7	Akimitsu Miyauchi (Miyauchi Medical Center) Safety and Effectiveness of Romosozumab(Evenity®) in Clinical Trials and Real World Practice; Update for 2022	
12:50	Closing Remarks		Toshio Matsumoto

Registration

Please register here.

<https://dx-mice.jp/EZEntry/jba2022/Entry/Top>

