

December **4** (Sat) - **5** (Sun), 2021

Virtual Meeting (Zoom) \* Instructions to be announced  
\* Meeting held in English

**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)

Saturday, December 4, 14:00-19:20 (Day 1)

Time	Session	Speaker	Moderator
14:00	Opening Remarks		<b>Atsushi Suzuki</b>
14:05	Expert Lecture	<b>Akihiko Yoshimura</b> (Keio University) <b>Neural destruction and repair after ischemic brain injury by innate and adaptive immunity</b>	
14:40	Session 1 Lecture	<b>Kunihiro Yamaoka</b> (Kitasato University) <b>Rheumatoid arthritis and molecule targeting therapies</b>	<b>Masaru Ishii</b> (Osaka University)
15:05	Communication	<b>Noriko Komatsu</b> (The University of Tokyo) <b>Identification of osteoclast inducer cells in bone destruction in autoimmune arthritis</b>	
15:20	Global Expert Lecture	<b>Serge Ferrari</b> (The University of Geneva) <b>Increase in cathepsin K by RANKL enhances degradation of periostin and restricts periosteal bone formation</b>	
15:55	Session 2 Lecture	<b>Sumito Ogawa</b> (The University of Tokyo) <b>Age-related sarcopenia and frailty with its preventive approaches</b>	<b>Atsushi Suzuki</b> (Fujita Health University)
16:20	Communication	<b>Yukio Nakamura</b> (Shinshu University) <b>Efficacy and safety of romosozumab in osteoporosis patients in the clinical setting</b>	
16:35	Break		
16:45	Global Expert Lecture	<b>Erik Eriksen</b> (The University of Oslo) <b>Post fracture risk assessment</b>	
17:20	Session 3 Lecture	<b>Norio Amizuka</b> (Hokkaido University) <b>Osteocytic osteolysis and vascular invasion in high bone turnover cause cortical porosity in rats with secondary hyperparathyroidism</b>	<b>Daisuke Inoue</b> (Teikyo University Chiba Medical Center)
17:45	Communication	<b>Shingo Maeda</b> (Kagoshima University) <b>CDC5L modulates pre-mRNA splicing of chondrogenic genes to promote early chondrocyte differentiation and proliferation</b>	
18:00	Global Expert Lecture	<b>Gill Holdsworth</b> (UCB) <b>Genetic and atherosclerotic plaque immunohistochemistry analyses do not associate reduced sclerostin expression with cardiovascular events</b>	
18:35	Session 4 Lecture	<b>Hiroshi Asahara</b> (Tokyo Medical and Dental University) <b>Cartilage and tendon as therapeutic targets for arthritis and musculoskeletal diseases</b>	<b>Tomoki Nakashima</b> (Tokyo Medical and Dental University)
19:00	Communication	<b>Yayoi Izu</b> (Okayama University of Science) <b>The regulatory roles of collagen XII in establishing tendon structure and function</b>	
19:15	Closing Remarks		<b>Tomoki Nakashima</b>

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Sunday, December 5, 8:30-12:30 (Day 2)

Time	Session	Speaker	Moderator
8:30	Opening Remarks		<b>Sakae Tanaka</b>
8:35	Global Expert Lecture	<b>Felicia Cosman</b> (Columbia University) <b>Optimizing treatment of the very high-risk patient: Efficacy of romosozumab</b>	
9:10	Session 5 Lecture	<b>Haruhiko Akiyama</b> (Gifu University) <b>Clinical development of the treatment for osteonecrosis of the femoral head</b>	<b>Takeshi Miyamoto</b> (Kumamoto University)
9:35	Communication	<b>Koji Ishikawa</b> (Duke University) <b>Current concept of perioperative management for patients with osteoporosis : The effect of romosozumab in orthopaedic surgery</b>	
9:50	Expert Lecture	<b>Roland Baron</b> (Harvard Medical School) <b>Sclerostin biology and romosozumab: An update</b>	
10:25	Session 6 Lecture	<b>Yasuhiro Kobayashi</b> (Matsumoto Dental University) <b>Roles of osteoclasts in sclerostin expression</b>	<b>Sakae Tanaka</b> (The University of Tokyo)
10:50	Communication	<b>Masayuki Tsukasaki</b> (The University of Tokyo) <b>Single-cell landscape of osteoclastogenesis</b>	
11:05	Global Expert Lecture	<b>Natalie Sims</b> (St Vincent's Institute of Medical Research) <b>JAK/STAT signalling in bone and the inhibitory role of SOCS3</b>	
11:40	Session 7 Lecture	<b>Keiichi Ozono</b> (Osaka University) <b>Development of new drugs for achondroplasia</b>	<b>Toshio Matsumoto</b> (Tokushima University)
12:05	Communication	<b>Kosuke Ebina</b> (Osaka University) <b>Effects of prior osteoporosis treatment on 12-month treatment response of romosozumab in patients with postmenopausal osteoporosis</b>	
12:20	Closing Remarks		<b>Toshio Matsumoto</b>

### Registration

Please register here.

<https://ez-entry.jp/jba2021/entry/>

