

# 8<sup>th</sup> Annual Skeletal Research Symposium

## Oral Presentations

MGH Main Campus: O'Keefe Auditorium

<b>First Author</b>	<b>Abstract Title</b>	<b>Paper Number</b>	<b>Presentation Time</b>
Xiaomeng You	<i>Gut microbiome promotion of bone growth in early life is mediated by GPR43</i>	1	10:15-10:25
Courtney M. Mazur	<i>Subcellular transcriptomics reveals selective mRNA trafficking to osteocyte dendrites</i>	2	10:25-10:35
Petra Simic	<i>1,25-dihydroxy vitamin D regulates furin-mediated FGF23 cleavage</i>	3	10:35-10:45
Supriya Jagga	<i>Impaired 1,25 dihydroxyvitamin D3 action and hypophosphatemia underlie the altered lacuno-canalicular remodeling observed in the Hyp mouse model of XLH</i>	4	10:45-10:55
Yizhong Hu	<i>Piezo1 Regulates cGMP/PKG Signaling in Osteocyte Mechanotransduction</i>	5	10:55-11:05
Sung-Hee Seanna Yoon	<i>SIK2/SIK3 inhibitor increases cortical bone mass in a mouse model of CKD-MBD</i>	6	2:50-3:00
Vineel Kondiboyina	<i>Calcium signaling in in-situ chondrocytes under dynamic compressive loading</i>	7	3:00-3:10
Rosanne Raftery	<i>Stability and regenerative capacity of articular cartilage tissue derived from human pluripotent stem cells</i>	8	3:10-3:20
Chilan B. G. Leite	<i>Physiological production of specialized pro-resolving mediators does not prevent posttraumatic osteoarthritis after anterior cruciate ligament transection</i>	9	3:20-3:30
Fjola Johannesdottir	<i>Femoral Neck Bone Density and Structure in Older Adults with Longstanding Type 1 Diabetes: A Case-Control Study</i>	10	3:30-3:40