

ASBMR Symposium
**Skeletal Contributions to Joint
Degeneration and Osteoarthritis**

September 27, 2018
Palais des congrès de Montréal
Montréal, Québec, Canada

ASBMR® 2018
Annual Meeting

Breakfast
8:00 am – 9:00 am

Risk Factors for OA
9:00 am – 10:30 am

Co-Chairs:
Marian Hannan, Ph.D., HSL Institute for Aging Research and Harvard Medical School, USA
Linda Sandell, Washington University in St. Louis School of Medicine, USA

Epidemiology of OA– Findings from the OI Initiative
Grace Hsiao-Wei Lo, M.D., M.S., Baylor College of Medicine, United States

Biomechanical Contributions to OA
Bruce Beynon, Ph.D., University of Vermont, USA

OI Initiative Discussion
Gayle Lester, Ph.D., National Institute of Arthritis, Musculoskeletal and Skin Disease, USA

COFFEE BREAK and POSTER VIEWING
10:30 am – 11:15 am

Emerging Biology of Aging and Injury in OA
11:15 am—12:45 pm

Co-Chairs:
Frank Beier, Ph.D., University of Western Ontario, Canada
Marjolein van der Meulen, Ph.D., Cornell University, United States

Subchondral Bone Remodeling and OA
Martine Cohen-Solal, M.D., Ph.D., Centre Viggo Petersen, France

Animal Models of OA
Christopher Little, Ph.D., The University of Sydney, Australia

Senescent Cells and OA
Jennifer Ellisseff, Ph.D., Johns Hopkins University, USA

Lunch and Poster Viewing/Judging
12:45 pm – 1:45 pm

Cartilage and Bone Crosstalk in OA
1:45 pm – 3:30 pm

Co-Chairs:
Tamara Alliston, Ph.D., University of California, San Francisco, USA
David Findlay, Ph.D., University of Adelaide, Australia

Tgfb Functions in OA Pathophysiology and Treatment
Xu Cao, Ph.D., Johns Hopkins University, USA

Tgfb Functions in OA
Anna Spagnoli, M.D., Rush University Medical Center, USA

Bone Marrow Lesions in Osteoarthritic Joints
Julia Kuliwaba, Ph.D., The University of Adelaide, Australia

Tissue Mechanical Deficiencies Detected in Both Articular Cartilage and Subchondral Trabecular Bone in Osteoarthritic Human Knees
Speaker: Yizhong Hu, Columbia University, USA

Coffee Break
3:30 pm – 3:45 pm

Clinical Trials for OA: Bone and Cartilage Active Agents
3:45 pm – 5:15 pm

Co-Chairs:
Nancy Lane, M.D., University of California, Davis Medical Center, USA
Christopher Little, BVMS, Ph.D., University of Sydney, Australia

Bisphosphonate Treatment of OA Lesions
Graeme Jones, Ph.D., Menzies Research Institute, Hobart, Australia

Wnt Signaling In OA: From Clinical Genetics to Clinical Trials
Maripat Corr, M.D., University of California, San Diego School of Medicine, USA

Circulating sclerostin is associated with preserved joint space in non-weight bearing joints in a population enriched for high Bone Mineral Density
Speaker: April Hartley, Bristol Medical School, University of Bristol, United Kingdom

Closing Remarks and Poster Viewing/Reception