

New Horizons in Orthopaedics, Bone and Matrix Biology 2010 Conference Program (as part of the AHMRCongress)

Hosting Societies – Australia & New Zealand Orthopaedic Research Society
Australian & New Zealand Bone and Mineral Society
Matrix Biology Society of Australia and New Zealand
Molecular and Experimental Pathology Society of Australasia

Tuesday November 16th

Symposium – Cell-matrix interactions and signalling

Dr Reinhard Fassler (Max Planck Institute of Biochemistry, Germany)

Dr Robb de longh (University of Melbourne)

Dr Matthew Naylor (Garvan Institute)

Symposium – Vitamin D Biology

Dr Daniel Bikle (Max Planck Institute of Biochemistry, Germany)

Dr Paul Anderson (Hanson Institute/IMVS)

PLENARY

A/Prof Vivek Mittal (Cornell University, USA) *“Tumour Growth and Metastasis”*

Free Communication Sessions

Symposium – Hot Topics in Bone Research

Dr Vijay Yadav (Columbia University, USA) *“Serotonin regulation of bone mass”*

Prof Stephen Robertson (University of Otago, NZ)

Dr Paul Baldock (Garvan Institute)

Wednesday November 17th

Symposium – New approaches for cartilage and joint repair

Prof Henning Madry (University of Saarland, Germany) *“Gene therapy for cartilage repair”*

A/Prof Stan Gronthos (University of Adelaide)

Dr Nathan Pavlos (University of Western Australia)

PLENARY

A/Prof David Sinclair, (Harvard University, USA) *“Biological Mechanisms of Ageing”*

Free Communication Sessions

ANZORS Workshop

Quantitative Biomedical Imaging & Characterisation for the Assessment of Osteoporosis - Surrogates for Failure Load and the Cancer-Osteoporosis Interface

Prof Christian Langton (Queensland University of Technology)

Symposium – Cartilage and bone development in disease

Dr Mark Johnson (University of Missouri, USA) *"From cartilage to bone: The role of Wnt signaling in mechanotransduction and disease"*

Prof Levon Khachigian (University of NSW)

Thursday November 18th

Symposium – Engineering & Modelling

Prof Scott Hollister (University of Michigan, USA)

PLENARY

Prof Reinhard Fassler, (Max Planck Institute of Biochemistry, Germany)
"Integrin Signalling"

ANZORS Workshop

Clinical orthopaedic research

A/Prof Bodgan Solomon (University of Adelaide)

Free Communication Sessions

Symposium - Basic Science/Biology

Dr Lorenz Meinel (Tufts University, USA) *"Silk-fibroin as a new material for cartilage and bone tissue engineering"*

A/Prof. Hala Zreiqat (Univ. of Sydney) *"Scaffolds for bone tissue engineering"*

Symposium - Extracellular Matrix Proteins and the musculoskeletal system

Prof Eric Hoffmann (George Washington University, USA)

Prof Peter Curry (ARMI)