

# AH & MR Congress Program 2010

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**SUNDAY, 14 NOVEMBER 2010**

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## **Registration**

2:00 PM - 6:30 PM

Convention Centre Foyer

## **Opening and Welcome**

3:00 PM - 3:15 PM

Room 109/110

Chair: Rosemary Keogh

The Hon. Mark Butler, Minister for Mental Health and Ageing

## **NHMRC Symposium**

3:15 PM - 4:15 PM

Room 109/110

Chair: Warwick Anderson

**Warwick Anderson, NHMRC**

State of NHMRC 2010

## **Helena Teede, The Jean Hailes Foundation for Women's Health**

Women's Health - Polycystic Ovary Syndrome

## **Paul Glasziou, Bond University**

The Importance of Evidence-based and Translational Research

## **ASMR Forum - Framework For The Future - An Asia Pacific HMR Funding Union**

4:15 PM - 5:30 PM

Room 109/110

Facilitator: Norman Swan

Participants:

**Robyn Norton**, Principal Director of The George Institute for Global Health

**Ed Liu**, Executive Director, Genome Institute of Singapore

**Andrew Cochrane**, Chairman, The Hospital of Hope, Timor-Leste

**Rado Faletic**, Executive Director, Forum for European-Australian Science & Technology Cooperation (FEAST)

**Richard Woolcott**, AC., Former Secretary of the Department of Foreign Affairs & Trade, former Australian Ambassador to Indonesia & the Phillipines, former High Commissioner to Malaysia, Ghana & Singapore

**Kim Mulholland**, Founding Director of Centre for International Child Health

## **Welcome Reception**

5:30 PM - 6:30 PM

Convention Centre Foyer

## ANZORS Poster Presentations

### **Melissa Cantley**

Histone deacetylase (HDAC) expression in Human Peri-prosthetic osteolysis tissue and the effect of a HDAC inhibitor on bone loss *abs#660*

### **Tania Crotti**

The increased expression of ITAM factors in active RA may be involved in modulating the pathophysiological process of rheumatoid arthritis *abs#661*

### **Laura Gladkis**

Correct three-dimensional characterization of realistic UHMWPE debris particles *abs#662*

### **Jung Joo Kim**

*Does microgrooving a substrate influence tenocyte behavior?* *abs#663*

### **Ian Parkinson**

Increased density of hypermineralised osteocyte lacunae and microdamage accumulation in fragility hip fracture patients *abs#664*

### **Ian Parkinson**

Predicting whole vertebral body strength using bone mineral density assessed via DXA and microarchitecture assessed via micro-CT *abs#665*

### **Lauren Peacock**

Homozygous Deletion Of The Sost Gene Results In Faster And Increased Hard Callus Formation *abs#666*

### **Marieke Pudlas**

Zonal characteristics of articular cartilage and chondrocytes by Raman microspectroscopy *abs#667*

### **Lihai Zhang**

Computational Modelling of the Insulin-Like Growth Factor System in Articular Cartilage *abs#668*

## Additional ANZORS Posters

### **Muhi Abdullah**

CT to Single-plane Fluoroscopy Registration: A non-invasive and viable alternative to RSA *abs#249*

### **Geetha Mohan**

Application of *in vivo* micro-computed tomography in the characterization of a rat model of osteoarthritis *abs#252*

### **Matthew Broadhead**

Pigment epithelium-derived factor (PEDF) inhibits tumour growth and metastasis in a clinically relevant murine model of advanced osteosarcoma *abs#355*

## ASMR Poster Presentations

### **Latasha Abeynaike**

T cell subset-specific usage of endothelial selectins for leukocyte rolling during a multiple challenge model of skin inflammation *abs#669*

### **Linda Agnew**

Echinacea induced hsp70 alterations in leukocytes *abs#670*

### **Linda Agnew**

Effects of echinacea supplementation on alkylamide pharmacokinetics *abs#671*

### **Ireni Ali Rahman**

Characterisation of the Akimba mouse: a model of diabetes and retinal neovascularisation *abs#672*

### **Fouzia Alqurni**

The Immune Response of Cystic Fibrosis Patients to an epidemic strain of *P. aeruginosa* Fouzia Alqurni<sup>1</sup>, Louise Roddam<sup>1</sup>, Margaret Cooley<sup>1</sup>, and David Reid<sup>1,2</sup> <sup>1</sup> Menzies Research Institute, Unive *abs#673*

### **David Anderson**

Rapid, Immunochromatographic Test for Measurement of CD4+ T-cells at Point-Of-Care *abs#674*

**Tahmina Anwari**

Impact of circadian rhythm on regulation of the IGF-1/insulin signalling pathway *abs#675*

**Carlos Aya-Bonilla**

Microsatellite analysis of Loss of Heterozygosity (LOH) at 3p21.31, 11p11.2 and 15q15.2 regions in non-Hodgkin's Lymphoma (NHL) *abs#676*

**Nady Braidy**

Age and Organ Dependent Changes in NAD<sup>+</sup> Metabolism in Aged Female Wistar Rats *abs#677*

**Gloria Castellano**

Neuroprotective effects of resveratrol and epigallocatechin gallate on ADF/cofilin-actin rod formation in human primary neurons *abs#678*

**Fiona Collier**

Expression of Rhotekin-2 (RTKN2) in Human Regulatory T-cells and Evidence for Transcription by FoxP3 *abs#679*

**Carina Cowley**

Evidence for the acute phase response being central to the mechanism of teratogenesis *abs#680*

**Leah Cui**

Viral protein Nef is a key regulator of ABCA1 function and cholesterol metabolism in infected macrophages *abs#681*

**Maria-Anna D'Souza**

Action of EBC-46, a novel diterpene ester, on human and mouse tumours *abs#682*

**Nicole De Weerd**

Biological effects of a missense mutation in IFNAR1, the low affinity receptor of the type I IFN signaling complex *abs#683*

**Rino Donato**

WNT expression during postnatal growth of the small intestine in infant rats *abs#684*

**Nathan Downs**

Lawn bowls and solar ultraviolet radiation in Australia: Exposures, risks and potential benefits for the production of vitamin D *abs#685*

**Jerzy Dyczynski**

The "intelligent Heart and hibernating Brain" The new cardio-brain stress theory. The heart induced hibernating brain is a precursor to the development of Alzheimer's Disease *abs#686*

**Diako Ebrahimi**

Has APOBEC3 left its footprint on the HIV-1 genome? *abs#687*

**Fatima El-Assaad**

Circulating microparticles are effectors of the neurological lesion in experimental cerebral malaria *abs#688*

**Fatima El-Assaad**

Citicoline: therapeutic implications for the treatment of cerebral malaria *abs#689*

**Fehmida Fasim**

Trans-planar platinum(II) complexes containing acetate leaving groups; synthesis, characterization, interaction with pBR322DNA, and in vitro antitumour activity *abs#690*

**Ross Grant**

Polyphenol combination therapy enhances NAD<sup>+</sup> levels and improves DNA repair after UVB damage in primary human keratinocytes *abs#691*

**Jade Guest**

Ω-3 and Ω-6 Polyunsaturated Fatty Acids levels in a cohort of Australian Adolescents *abs#692*

**Pamela Hall**

MIF and CD74 promote chemokine-induced macrophage migration via common and independent pathways *abs#693*

**Seungmin Ham**

The LKB1/CRTC pathway may be involved in regulating aromatase in the testis *abs#694*

**Brad Hayward**

A Gene Expression Signature for Insulin Resistance mediated by Excess Fat *abs#695*