

## **Presentations 2013**

### **Rowena Bull**

Conference oral presentation Bull R.A., S. Gaudieri, B. Cameron, P. Deshpande, E. Keoshkerian, M. Walker, P. Leung, P. A. White, A.R. Lloyd and F. Luciani 2013. Virological predictors of clearance in primary HCV infection. Australian Centre for Hepatitis Virology & HIV Virology Interest Group (ACH<sup>2</sup>) Meeting, Katoomba.

### **Melissa Churchill**

Conference presentation - Australian Society for Microbiology, July 2013, Adelaide. Designer antigens for the production of broadly neutralizing antibodies against HIV.

### **Mark Gorrell**

Poster Presentation. Hui Zhang, Yiqian Chen, Fiona M. Keane, Mark D. Gorrell 2013. Microtubule colocalisation with Dipeptidyl Peptidase 9. Lorne Protein Meeting. Feb 2013 Lorne, VIC.

Poster Presentation. Margaret G Gall, Yiqian Chen, Ana Julia Vieira de Ribeiro, Derek Spielman, Denise MT Yu and Mark D Gorrell 2013 Targeted inactivation of Dipeptidyl Peptidase 9 enzyme activity in mice. Feb 2013 Lorne, VIC.

Poster Presentation. Elizabeth J. Hamson, Stefan Tholen, Maria Koczorowska, Fiona M. Keane, Oliver Schilling and Mark D. Gorrell 2013 Proteomic characterisation of Fibroblast Activation Protein (FAP). Feb 2013 Lorne, VIC.

Poster Presentation. Mark D. Gorrell , Margaret G. Gall, Sumaiya Chowdhury, Fiona M. Keane, Ana Julia Vieira de Ribeiro, Amanda Elaro, X. Maggie Wang, Denise MT. Yu, Geoffrey W. McCaughan 2013 FIBROBLAST ACTIVATION PROTEIN IN CHRONIC DISEASE. Feb 2013 Lorne, VIC.

Poster Presentation. Fiona M. Keane, Tsun-Wen Yao, Margaret G. Gall, Sumaiya Chowdhury, Penny Farrell, Sarah E. Poplawski, Ana Julia Vieira de Ribeiro, William W. Bachovchin and Mark D. Gorrell 2013 The quantitation and in vivo distribution of Fibroblast Activation Protein (FAP) enzymatic activity. Feb 2013 Lorne, VIC.

Poster Presentation. Mark D. Gorrell , Margaret G. Gall, Sumaiya Chowdhury, Fiona M. Keane, Ana Julia Vieira de Ribeiro, Amanda Elaro, X. Maggie Wang, Denise MT. Yu, Geoffrey W. McCaughan 2013 Fibroblast activation protein, fatty liver, fibrinolysis and fibrosis. March 2013 Hunter, NSW.

Poster Presentation. Hui Zhang, Yiqian Chen, Fiona M. Keane, Mark D. Gorrell Microtubule colocalisation with Dipeptidyl Peptidase 9. March 2013 Hunter, NSW.

Poster Presentation. Margaret G Gall, Yiqian Chen, Ana Julia Vieira de Ribeiro, Derek Spielman, Denise MT Yu and Mark D Gorrell. 2013 The role of Dipeptidyl Peptidase 9 enzymatic activity in early postnatal mouse survival. March 2013 Hunter, NSW.

Oral presentation. Ana Julia Vieira de Ribeiro, Bharvi Maneck, Kathryn Williams, Fiona Keane, Devanshi Seth, Paul Haber, Nam Nguyen, Koko Bu, Suzy Teutsch, William Bachovchin, David Bowen, Stephen Twigg, Amany Zekry, Andrew Lloyd, Geoff McCaughan, Mark Gorrell DPP-IV in HCV infection and as a liver injury marker. Australian Liver Association. Gold Coast. May 2013.

Oral presentation. Fiona M. Keane, Tsun-Wen Yao, Margaret G. Gall, Sumaiya Chowdhury, Penny Farrell, Sarah E. Poplawski, Ana Julia Vieira de Ribeiro, William W. Bachovchin and Mark D. Gorrell 2013 The quantitation and in vivo distribution of Fibroblast Activation Protein (FAP) enzymatic activity. Australian Liver Association. Gold Coast. May 2013.

Oral presentation. Sumaiya Chowdhury, Sunmi Song, Margaret G Gall, Xin M Wang, Denise MT Yu, Lisa Lo, Nigel Turner, Gregory J. Cooney, Geoffrey W McCaughan, Susan V McLennan, Stephen M Twigg, and Mark D Gorrell 2013 Fibroblast activation protein deficiency prevents liver steatosis and insulin resistance and increases fat burning in diet induced obese mice. Australian Liver Association. Gold Coast. May 2013.

Oral presentation. Elizabeth Hamson, Stefan Tholen, Maria Koczorowska, Charles Bailey, Fiona M. Keane, Oliver Schilling, Mark D. Gorrell 2013 Fibroblast Activation Protein Degradomics. Australian Liver Association. Gold Coast. May 2013.

Oral presentation. Mark Gorrell, Ana Julia Vieira de Ribeiro, Elizabeth Hamson, Fiona Keane, Margaret Gall, Bharvi Maneck, Kathryn Williams, Devanshi Seth, Paul Haber, Nam Nguyen, Koko Bu, Suzy Teutsch, Emelia Prokoso, Nick Shackel, William Bachovchin, David Bowen, Stephen Twigg, Amany Zekry, Andrew Lloyd, Geoff McCaughan, Host proteases in HCV infection as liver injury markers. ACH2. Katoomba. June 2013.

Tracy L. Nero, Amanda Elaro, Bret W. Church, Naveed A. Nadvi, Ana J. Ribeiro, Fiona M. Keane, Michael W. Parker, Mark D. Gorrell. Towards developing selective inhibitors of the protease Fibroblast Activation Protein as a potential therapeutic for cancer and chronic liver injury. RACI Division of Biomolecular Chemistry. Sydney 2013.

Sumaiya Chowdhury, Fiona M Keane, Sunmi Song, Margaret G Gall, Xin M Wang, Denise MT Yu, Lisa Lo, Nigel Turner, Gregory J. Cooney, Geoffrey W McCaughan, Susan V McLennan, Stephen M Twigg, and Mark D Gorrell 2013 Fibroblast activation protein deficiency improves glucose tolerance, insulin sensitivity and lipid metabolism in DIO mouse model. International Diabetes Foundation. Melbourne. Dec 2013.

Sumaiya Chowdhury, Fiona M Keane, Ana Julia Vieira de Ribeiro, Sunmi Song, Margaret G Gall, Xin M Wang, Denise MT Yu, Lisa Lo, Nigel Turner, Gregory J. Cooney, Geoffrey W McCaughan, Susan V McLennan, Stephen M Twigg, and Mark D Gorrell 2013 Fibroblast activation protein deficiency prevents liver steatosis and insulin resistance and increases fat burning in diet induced obese mice. Australian Diabetes Society Annual Meeting. Sydney. 2013.

K.H. Williams, A. Zekry, S.V. McLennan, E. Cavanagh, J. Raleigh, B. Brooks, E. Prakoso, N.A. Shackel, A.J.V. De Ribeiro, F.M. Keane, M.D. Gorrell, S.M. Twigg. DPP4 as a marker of liver fibrosis in non alcoholic fatty liver disease (NAFLD) in subjects with type 2 diabetes and obesity. International Diabetes Foundation. Melbourne. Dec 2013.

### **Clovis Palmer**


Conference-Oral presentation. Glucose metabolism is an integral process in CD4+ T cell activation and inflammation in HIV-1 infected subjects, Keystone Symposia (2013), Basic Mechanisms and Clinical Implications, Breckenridge, Colorado, USA.

Conference-Poster presentations. Glucose metabolism is an integral process in CD4+ T cell activation and inflammation in HIV-1 infected subjects, Keystone Symposia (2013), Basic Mechanisms and Clinical Implications, Breckenridge, Colorado, USA.

Conference-Poster presentations. Increased PI3K-mTORC1 signalling and glucose metabolism in CD4+ T cell is associated with HIV disease progression. Cell Symposia Immunometabolism, from Mechanisms to Therapy (2013), Toronto, Canada.

### **Charani Ranasinghe**

SW-AIMS conference 2013 Canberra (Invited talk CR). HIV vaccines current status.

International Congress of Mucosal Immunology 2013 Vancouver, Canada (Oral presentation CR). Ranasinghe C., Trivedi S, Wijesundara DK. and Jackson RJ. How do novel IL-13R specific  invadanted vaccines mucosal immunity, CD8 T cell avidity and protective immunity.

International Congress of Mucosal Immunology 2013 Vancouver, Canada (Poster presentation ST). Trivedi S., Jackson R., Stambas J. and Ranasinghe C. Intranasal delivery of recombinant HIV-1 fowl poxvirus vaccines can induce excellent high avidity CD8 T immunity by recruiting unique APC subsets to the lung mucosae.

International Congress of Immunology 2013 Milan, Italy (Invited oral presentation CR). Ranasinghe C., Trivedi S, Wijesundara DK. and Jackson RJ. Novel HIV-1 IL-13R cells with greater protective immunity.

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International Congress of Immunology 2013 Milan, Italy (oral presentation DKW). Wijesundara DK., Jackson, RJ., Tschärke DC., Ranasinghe C. IL-4 and IL-13 regulates CD8 co-receptor expression to dampen the quality of anti-viral CD8+ T cell immunity following HIV-1 prime-boost vaccination.