



## ***The 5th International Meeting on Cerebral Haemodynamic Regulation (CARNet)***

**Monday 13th & Tuesday 14th July 2015, Chilworth Manor Hotel**

### **POSTERS**

#### **Physiology**

- 1 **Static and dynamic cerebral autoregulation – are we measuring the same thing?**  
D. L. K. de Jong, Radboud University, Nijmegen, The Netherlands
- 2 **Multimodal measurements of blood pressure and cerebral hemodynamic responses to hypercapnia in the MRI**  
T. Myllylä, University of Oulu, Oulu, Finland
- 3 **Are hormonal changes throughout the menstrual cycle associated with changes in cerebral autoregulation?**  
M. Favre, Rutgers Biomedical Health Sciences, Newark, NJ, USA
- 4 **Cerebrovascular responsiveness to carbon dioxide in atrial fibrillation**  
I.D. Braz, University of Birmingham, UK
- 5 **Influence of carbon dioxide on dynamic cerebral autoregulation during head-down tilt**  
T. Kurazumi, Nihon University, Japan
- 6 **Dopamine infusions improves cerebral autoregulation in newborn piglets**  
V. Eriksen, Copenhagen University Hospital, Denmark

#### **Measurement and Modelling**

- 7 **Measuring blood pressure oscillations in the MRI**  
D. L. K. de Jong, Radboud University, Nijmegen, The Netherlands
- 8 **Neurovascular Coupling and the BOLD signal**  
T. David, University of Canterbury, New Zealand
- 9 **Prospective comparative clinical study of non-invasive cerebrovascular autoregulation monitor**  
V. Petkus, Kaunas University of Technology, Lithuania
- 10 **A new index of dynamic cerebral autoregulation applied to the sit-to-stand maneuver**  
M. Chacon, University of Santiago de Chile, Chile
- 11 **Time varying estimates of dynamic cerebral autoregulation at rest**  
R Panerai, University of Leicester, UK
- 12 **Can critical closing pressure replace EtCO<sub>2</sub> as a determinant of CBFV in multivariate models?**  
F.A. Bello Robles, Universidad de Santiago de Chile, Chile, CITIAPS
- 13 **Controlling for heart rate variability improves the estimation of cerebral autoregulation and vasomotor reactivity in older adults and MCI patients**  
V. Marmarelis, University of Southern California, Los Angeles, USA

#### **Clinical**

- 14 **Absence of spontaneous blood pressure variability in patients after out-of-hospital cardiac arrest during the post-cardiac arrest syndrome.**  
J.M.D. van den Brule, Radboud University Nijmegen Medical Centre, the Netherlands
- 15 **The relationship between BP variability, white matter lesions and frailty in Alzheimer's disease patients**  
G. van Spijker, Radboud University Nijmegen Medical Centre, the Netherlands
- 16 **Acute stages of sport concussion: heart rate variability and blood pressure suppression during postural hemodynamic drives**  
J P Neary, University of Regina, Canada
- 17 **Dynamic cerebral autoregulation in patients with hypertension**  
R. Nogueira, University of São Paulo School of Medicine, São Paulo, Brazil
- 18 **Cerebral Hemodynamics in thrombolysis for acute ischemic stroke: a systematic review and meta-analysis**  
R. Nogueira, University of São Paulo School of Medicine, São Paulo, Brazil