



Institute of
Cellular Medicine

PI Seminar Series

Speaker: Dr Djordje Jakovljevic, Senior Lecturer in Cardiovascular Ageing and Heart Failure
Venue: Baddiley Clark Seminar Room
Date: Monday 14th May 2018
Time: 1.00 – 2.00pm

Dr Djordje Jakovljevic will present:

‘Cardiovascular Ageing and Heart Failure: from physiological observations to clinical practice’

Abstract

Djordje Jakovljevic is a Senior Lecturer leading the research programmes in cardiovascular ageing and heart failure at the Cardiovascular Research Centre and Institute of Cellular Medicine of Newcastle University.

Better understanding of cardiovascular changes with ageing and their interaction with lifestyle factors such as physical activity and diet is necessary for development and implementation of large-scale interventions aiming to attenuate onset of age-related diseases. Ageing population and improved medical treatments lead to increased incidence and prevalence of heart failure, which is widely considered the new epidemic of the 21st century. There is an immense clinical and societal demand for improving outcomes in those living with heart failure. This can only be achieved with improved early diagnosis, management and advanced treatment. In addition to cardiovascular ageing findings, the presentation will highlight our ongoing heart failure research programme in the following three areas: i) development and evaluation of a novel diagnostic test for heart failure to be used in primary care, ii) development and evaluation of a personalised home-based cardiac rehabilitation programme; and iii) mechanical circulatory support strategy for potential recovery in advanced heart failure.

Chair: Dr Mario Siervo