### Cardiovascular Initiative

**EMCR Research Showcase**

**Wednesday 7 December**

Room 308, Level 3 Susan Wakil Health Building, The University of Sydney, Camperdown

**Zoom ID** 861 0669 2062

### Welcome

2:30

**Dr Faraz Pathan** – Cardiologist, Head of Cardiac Imaging, Nepean Clinical School

*Chair’s Welcome*

### Presentations

#### 2:40

**Dr Helen Parker** – Sydney School of Health Sciences

*Diet quality in patients eligible for cardiac rehabilitation: the effects of a novel smartphone app ‘MyHeartMate’*

#### 2:48

**Dr Nicholas Hunt** – Concord Clinical School

*Oral Nanotherapeutic formulations of GLP-1 agonist Liraglutide*

#### 2:56

**Dr Matthew Hollings** – Sydney School of Health Sciences

*Lower cardiac rehabilitation enrolment occurs in acute coronary syndrome patients who have less physical activity: a prospective observational study using wearable activity tracker data*

#### 3:04

**Dr Qiang Tu** – Sydney School of Health Sciences

*Age-Related Variation in the Provision of Primary Care Services and Medication Prescriptions for Patients with Cardiovascular Disease*

#### 3:12

**Dr Qingshu Cao** – Kolling Institute

*A novel and unique Fc-Fusion protein i-body AD-214 ameliorated kidney fibrosis in vitro and in mice with unilateral ureteral obstruction through inhibition of leukocyte infiltration*

#### 3:20

**Dr Sonia Cheng** – Sydney School of Health Sciences

*Harmonising and analysing device-measured physical activity, posture, and sleep in cardiac, respiratory, and neurological conditions: The ClinPASS consortium*

#### 3:28

**Dr Georgia Chaseling** – SOLVE-CHD, Sydney School of Health Sciences

*Effects of Beta-Blockers on Thermal and Cardiovascular Strain of Adults with Coronary Artery Disease during Simulated Heat Waves*

#### 3:29

**Panel discussion and Q&A**

*Prof Clara Chow*, Academic Director of the Westmead Applied Research Centre (WARC), and Academic Co-Director of CPC (Charles Perkins Centre) Westmead, Faculty of Medicine and Health, University of Sydney. Program Director of Community Based Cardiac Services at Westmead hospital. Member of the Western Sydney Local Health District (WSLHD) Governing Board. Director of the Australian Stroke and Heart Accelerator (ASHRA).

*Prof Martin Ugander* - Professor of Cardiac Imaging and Director of Clinical Imaging at the University and the Kolling Institute, Royal North Shore Hospital. Leader of the University of Sydney Cardiovascular Magnetic Resonance Research Group as well as the Sydney Clinical Imaging Network.

*Dr Pierre Qian* - clinician scientist based at Westmead Applied Research Centre and Cardiologist in the Western Sydney Local Health District. Leads a translational biomedical engineering team at Westmead Hospital developing ablation technology to treat heart rhythm disorders and high blood pressure.

*Dr Nicholas Hunt*, Lecturer based at the Concord Clinical School, within the Faculty of Medicine and Health at the University of Sydney. Researcher in the Biogerontology Group at the ANZAC Research Institute at Concord Repatriation General Hospital.

#### 3:57

**Closing remarks**

4:00

CLOSE

4:00

AFTERNOON TEA

---

Presented by The Cardiovascular Initiative, Faculty of Medicine and Health, The University of Sydney