

## Cambridge BHF Centre Annual Research Symposium

Thursday 9<sup>th</sup> May 2019

Study Centre Suite 2, Møller Centre, CB3 0DE

### 08.30 – 09.00 Registration

#### SESSION ONE

- 09.00 – 09.15 Martin Bennett – Welcome and Introduction to the new BHF Centre  
09.15 – 09.30 John Danesh – **Population Science** Overview  
09.30 – 09.50 Adam Butterworth – Multiomics to understand causal pathways to coronary heart disease  
09.50 – 10.10 Mike Inouye – Systems genomics and polygenic risk scores  
10.10 – 10.30 Angela Wood – Optimising electronic health records for risk screening

### 10.30 – 11.00 Refreshments and poster viewing

#### SESSION TWO

- 11.00 – 11.15 Nicole Soranzo – **Functional Genomics** Overview  
11.15 – 11.35 Mattia Frontini – From a rare blood group to metabolism, the SMIM1 journey  
11.35 – 11.55 Dirk Paul – Translating genetic discoveries in cardiovascular disease into causal biology  
11.55 – 12.15 Hugh Markus – Can recent advances in stroke genetics guide therapy?

#### Translation

- 12.15 – 12.30 Anita Marguerie – OTR Overview  
12.30 – 12.45 Ian Wilkinson – Experimental Medicine Studies

### 12.45 – 13.45 Lunch & Posters

#### SESSION THREE

- 13.45 – 14.00 Toni Vidal-Puig – **Cardiometabolic Medicine** Overview  
14.00 – 14.20 Guillaume Bidault – Macrophage lipid metabolism in cardiometabolic diseases  
14.20 – 14.40 Susan Ozanne – Programming of cardiometabolic disease by maternal diet-induced obesity: a developing problem  
14.40 – 15.00 Thomas Krieg – Mitochondrial metabolism in heart attack and stroke

### 15.00 – 15.30 Refreshments

#### SESSION FOUR

- 15.30 – 15.45 Ziad Mallat – **Vascular Medicine** Overview  
15.45 – 16.05 Murray Clarke – Novel pathways to vascular inflammation  
16.05 – 16.25 Sanjay Sinha – Vascular disease modelling using iPSCs  
16.25 – 16.45 Nick Morrell – Genetic clues to the cellular basis of pulmonary arterial hypertension

### 16.45 – 17.30 Keynote speaker

Calum MacRae – High throughput co-clinical modelling of chronic disease

Closing words – Martin Bennett

- 17.30 – 18.30 Drinks reception