# Oxford BHF Centre of Research Excellence

## Annual Research Symposium

Thursday 22 November 2018

St Hugh’s College
St Margaret’s Road, Oxford OX2 6LE

<table>
<thead>
<tr>
<th>Time</th>
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<td>09.00 – 09.30</td>
<td>Registration  -  Early poster viewing  (coffee &amp; pastries)</td>
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| 09.30 - 09.45 | Welcome & update on Oxford BHF CRE developments and opportunities  
Professor Hugh Watkins |
| 09.45 – 11.05 | Session 1  
Chair: Professor Jane Armitage  
Prof Kim Dora: Human coronary microvascular dysfunction  
Dr Kerstin Timm: Mitochondrial dysfunction in a rat model of doxorubicin-induced heart  
failure assessed by hyperpolarized magnetic resonance spectroscopy  
Prof Louise Bowman & Dr Marion Mafham: ASCEND: a randomised trial of aspirin and fish oils  
for the primary prevention of events in 15,000 people with diabetes  
James Eaton: Anti-inflammatory therapeutics inspired by nature  
Dr Elisa Passini: Human in silico trials for evaluation of drug cardiac safety and efficacy |
| 11.05 – 11.30 | Refreshments  -  Poster viewing                                                                 |
| 11.30 – 12.40 | Session 2  
Chair: Professor Keith Channon  
Dr Oliver Stone: On the origin of blood and lymphatic vessels  
Laurienne Edgar: Diabetes-induced innate immune memory promotes atherosclerosis, despite  
restoration of normoglycaemia  
Prof Ellie Tzima: A novel mechanosensor in the endothelium  
Dr Richard Tyser: Initiation of the first heartbeat; from single cells to coordinated contraction |
| 12.40 – 14.30 | Lunch  -  Poster viewing and judging                                                                |
| 14.30 – 15.40 | Session 3  
Chair: Professor Stefan Neubauer  
Dr Jenny Rayner: Imaging the obesity paradox in heart failure  
Dr Gareth Purvis: Repurposing BTK inhibitors as anti-inflammatory drugs in cardiovascular  
disease  
Prof Barbara Casadei: Pathogenesis, risk stratification and management of atrial fibrillation:  
Finding the answer in UK Biobank  
Dr Liz Ormondroyd: Secondary genomic findings associated with inherited heart disease |
| 15.40 – 16.15 | Refreshments  -  Final poster judging and panel meeting                                              |
| 16.15 – 17.00 | Keynote Lecture by Professor Ajay Shah  
Chair: Professor Paul Riley  
BHF Professor of Cardiology & Director, King’s BHF Centre of Research Excellence  
Unexpected roles of ROS-generating Nox proteins in the heart |
| 17.00 – 17.15 | Concluding remarks and presentation of poster prizes  
Professor Hugh Watkins |
| 17.15 – 18.15 | Drinks and canapés                                                                                  |