Welcome by Professor Gianni Angelini, Chair of the Bristol Heart Institute

As you all know, the University of Bristol has created several Specialised Research Institutes. I am delighted to report the selection of the Bristol Heart Institute (BHI) as one of these prestigious centres of research excellence.

Bristol has an established group of exceptional individuals with expertise and commitment to sustain and expand a world leading centre for fundamental science and translational cardiovascular research. This group will now all become members of the BHI to co-ordinate and foster new cardiovascular research activities. Previously this was conducted under the umbrella of the Bristol Cardiovascular group. The establishment of the BHI will provide an opportunity for a new management and governance structure. In order to facilitate a smooth transition, the previous Bristol Cardiovascular committee has been temporarily co-opted as the BHI management committee.

I enclose for your benefit my initial proposal to the University from which the BHI was shortlisted for the Specialised Research Institutes. Some of the points highlighted in this submission may have been superseded. I very much welcome everybody from within the Cardiovascular community to reflect on this proposal and to make some constructive criticism and suggestions to improve what was an initial draft document.

The establishment of the BHI is an exciting and important opportunity to maximise our cardiovascular research excellence in Bristol and will promote our activities both to the research community and the general public. We are planning to hold an official launch of the BHI in the Autumn with a series of presentations which will highlight the wide variety of our exciting cardiovascular research in Bristol. We hope to be joined by one of the two deputy Medical Directors of the BHF for this event. Details of this event will follow in the next newsletter. In the meantime, please see the enclosed proposed headed paper which I encourage the cardiovascular community to use to assist with establishing the BHI brand name not only in Bristol but also nationally and internationally. I look forward to working with all of you to build on the already excellent cardiovascular reputation of Bristol.
National Wear it Red Day for The British Heart Foundation

On Friday 9th June we held a fundraising event in the BHI atrium to raise money for The British Heart Foundation! In partnership with our research nurses we raised £611! Including sponsorship money for 2 of our staff members wearing their PJ’s all day! We even had a visit from the regional fundraising manager for the BHF, Sarah Standing!

Thank you to everyone who participated and contributed to this wonderful cause!
Big Bang Bristol
6 July 2017, 10.00 AM - 7 July 2017, 5.30 PM - Trinity Centre

What makes a good drug target
6 July 2017, 12.00 PM - 6 July 2017, 2.00 PM - LifeArc (the new name for MRC Technology)Verdon Smith Room, Royal Fort House

13th World Congress on Inflammation
8 July 2017, 9.30 AM - 12 July 2017, 5.00 PM - Plenaries: Janet Lord (Birmingham University) & Michal Schwartz (Weizman Institute of Science) on 8 July 2017Hilton London Metropole Hotel

Mendelian randomization in the age of large-scale accessible genomics data
11 July 2017, 9.00 AM - 13 July 2017, 5.00 PM - George Davey Smith and Marcus Munafo, Colston Hall

6th International Meeting on Conversation Analysis and Clinical Encounters
12 July 2017, 9.00 AM - 14 June 2017, 6.00 PM - Plenary speakers: Tanya Stivers (University of California Los Angeles), Anna Lindström (Uppsala University), Ruth Parry (University of Nottingham), Elizabeth Stokoe (Loughborough University)Engineers’ House, The Promenade

Statistics Clinic - 12 July
12 July 2017, 2.00 PM - 12 July 2017, 3.30 PMS M4 School of Mathematics

NIHR Public Health Research Information Event
14 July 2017, 9.30 AM - 14 July 2017, 4.00 PM - TBC

Wellcome Trust visit
20 July 2017, 12.00 PM - 20 July 2017, 2.00 PM - OS6, Oakfield House
Engagement Bites: The Art of Listening: a story of how engagement can enhance research: **17 May, 1-2pm, Old Council Chamber, Wills Memorial Building**

Giovanni Biglino from the Bristol Heart Institute takes us through his public engagement story: from staring blankly at a grant application’s public engagement box, to being awarded a £200,000 Wellcome Trust engagement grant. From this journey, Giovanni has discovered the value of reflection and listening in engagement and how research can be enhanced, or even formed, by bringing in new voices. Come and hear from Giovanni, and take the chance to ask him - and the public engagement team - your questions about what makes engagement so valuable.

Engagement Bites is a new series of informal lunch time talks organised by the Public Engagement team with the aim of sharing some of the public engagement taking place at the University and opening up conversations about it. Members of the Public Engagement team will be available after the talk to chat about your ideas for public engagement. Feel free to bring your lunch.
Twitter!
The BHI is launching its own twitter page!
Please follow us @BHIBristol

NIHR Bristol Biomedical Research Centre
The 1st of April saw the launch of Bristol Biomedical Research Centre. NIHR Bristol BRC brings together existing research excellence in Cardiovascular Research and Nutrition with three new Research Themes (Mental Health, Perinatal and Reproductive Health and Surgical Innovation). The Research Themes are underpinned by Cross cutting Themes in Translational Population Science and Biostatistics, Evidence Synthesis and Informatics. To read more please follow the link below.


BHF Grant — Bristol scientists to help heart patients by transforming veins into arteries
Scientists at the University of Bristol are to investigate a new regenerative and tissue engineering technique to improve outcomes for people having heart bypass surgery. To read more please follow the link below.

Journal of Congenital Cardiology

This is an open access journal from the highly respected Biomed Central open access publishing group which is part of the Springer Nature group of journals. This journal covers the whole range of congenital disease. Bristol is well represented in the large International editorial board.

The board includes:

- Dr Graham Stuart (Editor-in-Chief)
- Professor Massimo Caputo
- Professor Rob Tulloh
- Dr Guido Pieles
- Dr Mark Turner

http://www.biomedcentral.com/

Multi-million pound supercomputer speeds up research at the University of Bristol

Research and teaching at the University of Bristol will now benefit from one of the fastest and most advanced supercomputing facilities in the UK, capable of up to 600 trillion calculations per second.

http://www.bristol.ac.uk/news/2017/may/blue-crystal4.html

Postgraduate researchers share their work with hundreds of visitors at Research without Borders

Almost 100 University of Bristol students took part in Research without Borders 2017, our annual festival of postgraduate research.

http://www.bristol.ac.uk/news/2017/may/research-without-borders.html
Bristol Heart Institute internal peer review for grant applications

There is good evidence from many sources that internal peer review for grant applications improves success rates. Major funding bodies are increasingly expecting it for some types of awards. The Bristol Heart Institute is keen to continue with the internal peer review system that was implemented in the School of Clinical Sciences over a year ago. The process is simple; any grant applicants applying for funding of £100k or above are encouraged to submit their Case for Support to Maria Pufulete (maria.pufulete@bristol.ac.uk). This should be sent at least 3 weeks before the submission deadline, so we do not expect the final version and you can carry on working on it, but it should be at a late draft stage. We will allocate your application to one of the reviewers we have on our database. The application will be matched to the reviewer as far as possible. The review will mainly focus on aspects such as readability, clarity and focus, but also specific scientific details if the reviewer is able to do so. The turnaround for the review is 2 weeks.

Please could anyone at senior lecturer/senior research fellow or above who wishes to be included in the list of reviewers and who has not previously indicated that they wish to do so e-mail maria.pufulete@bristol.ac.uk so that they can be added to the list.
Molecular Therapy—Methods & Clinical Development
Targeting Wnt/β-Catenin Activated Cells with Dominant-Negative N-cadherin to Reduce Neointima Formation


Corticosteroids in septic shock: a systematic review and network meta-analysis.
This network meta-analysis was a collaboration between the BHI, our colleagues in the school of social medicine and the Henry Wellcome LINE, as well as colleagues from Paris. We looked at whether the type and pattern of steroids given to patients with sepsis on the critical unit affected clinical outcomes. We found that there was no association with mortality, but that hydrocortisone given either by bolus or by infusion reduced the time a patient spent on vasoconstrictors such as noradrenaline.

https://ccforum.biomedcentral.com/articles/10.1186/s13054-017-1659-4

Shortening cardioplegic arrest time in patients undergoing combined coronary and valve surgery: results from a multicentre randomized controlled trial: the SCAT trial

The Bristol Heart Institute is run by a steering group.

Members currently include:

**Director:**
Gianni Angelini, BHF Professor of Cardiac Surgery and Cardiovascular theme lead at the NIHR Bristol Biomedical Research Centre

**Deputy Director:**
Alastair Poole, Professor of Pharmacology and Cell Biology

**Other Members:**
- Dr Chiara Bucciarelli-Ducci *Imaging*
- Prof Massimo Caputo *Congenital Heart Surgery*
- Prof Costanza Emanueli *Cardiovascular Regeneration*
- Prof Sarah George *Cardiovascular Signalling*
- Dr Emma Hart *Autonomic Regulation & Dysfunction*
- Dr Andrews James *Cardiac Biology*
- Dr Thomas Johnson *Cardiology*
- Dr Stuart Mundell *Vascular Biology and atherothrombosis*
- Prof Ruth Newbury-Ecob *Clinical Genetics*
- Dr Simon Satchell *Renal, Diabetic & Hypertensive Disease*
- Prof Saadeh Suleiman *Cardiac Biology*
- Dr Nicholas Timpson *Population Health and Epidemiology*
- Prof Robert Tulloh *Consultant Paediatric Cardiologist*
- Collette Sheahan *RED liaison*

If you have anything you wish to feature in the next newsletter please e-mail

**Chelsie.Galdies@bristol.ac.uk**

Please also send comments, videos, publications, events etc. to Chelsie.Galdies@bristol.ac.uk to populate the website!