

12th CR@B Symposium

a showcase of presentations and posters highlighting cancer research activities taking place on

4.30pm – 8pm on Wednesday 11th November 2015

5 West 2.3, University of Bath

Programme

4.30pm	Registration and reception
5pm	Opening note Dr Adele Murrell, Chair, Cancer Research at Bath
5.10pm	Personalised medicine enters the mainstream – lessons from the POSH cohort Professor Diana Eccles, Professor of Cancer Genetics, University of Southampton
5.35pm	The 100,000 Genome Project Dr Dorothy Goddard, Lead Clinician for Cancer Dr Mark Beresford, Consultant Oncologist and Clinical Lead for Radiotherapy Royal United Hospital Bath
6.00pm	Refreshments and informal poster session
6.30pm	The Örenäs Research Group: How do Primary Care factors influence the speed of cancer diagnosis? Dr Michael Harris, GP, Visiting Lecturer, University of Bath
6.55pm	Identification of Novel AMACR Inhibitors By High-Throughput Screening Dr Matthew Lloyd, Senior Lecturer, Department of Pharmacy and Pharmacology, University of Bath
7.20pm	PhD Students' Presentations Identification of human AMACR active site residues and their role in the catalytic mechanism Mrs Guat Ling Lee, PhD student, Department of Pharmacy and Pharmacology, University of Bath Targeted dendrimeric prodrugs for 5-aminolaevulinic acid photodynamic therapy Mr Kunal Tewari, PhD student, Department of Pharmacy and Pharmacology, University of Bath
7.45pm	Drinks, networking and poster session

About Cancer Research at Bath (CR@B)

Cancer Research at Bath (CR@B) is a unique network set up by the University of Bath and the Royal United Hospital (RUH) Bath. Our mission is to facilitate interaction between departments and institutes, multi disciplinary research and provide excellent opportunities for training for its members. It is also our mission to interact with fundraisers and industry, and generally raise awareness of all aspects of cancer.

Our objectives are:

To provide a forum to facilitate interaction between academics, clinicians, students and others with an interest in cancer

To promote opportunities for collaborative interdisciplinary research and training of the highest standards

To establish a platform to promote awareness of cancer research, expertise and facilities across the Bath region. Themed workshops to describe research capability, identify research problems and groups working on them.

For more information about CR@B, visit our website at: <http://www.bath.ac.uk/cancerresearch/>

The presenters

Professor Diana Eccles

Diana M Eccles is Professor of Cancer Genetics and Head of the Cancer Sciences Academic Unit, at the University of Southampton. She holds an Honorary Consultant position in Clinical Genetics at the Wessex Regional Genetics Service. She trained in general medicine, oncology and genetics in Manchester, Edinburgh and Southampton and took up her first consultant post in Southampton in 1995. She was elected Fellow of the Royal College of Physicians in 1996. Her main clinical and research interest is in the impact of inherited genetic factors on diagnosis, treatment and prevention of cancer. She has published over 240 papers in peer reviewed journals and written 14 book chapters. She currently sits on a number of national and international grant review boards including currently the MRC CRTF Board, the Norwegian Research Council's Centres of Excellence Life Sciences Grant Review Board. She is a Scientific Advisory Board member for the eScience and Health Centre of Excellence programme across the Nordic countries.

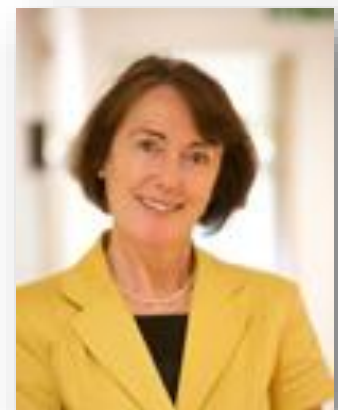


Dr Dorothy Goddard

Dorothy Goddard is a consultant breast radiologist and associate medical director for cancer, at the Royal United Hospital Bath.

Graduated from Bristol University Medical School and undertook specialist radiology training in Bristol.

Appointed consultant breast radiologist at the Royal United Hospital Bath in 1996 and was the breast service clinical lead for 14 years. Introduced many innovations into breast clinical practice, including 'Imaging First' model of service delivery and is a member of the National Breast Cancer Clinical Reference Group.



She has been the Trust Lead Clinician for Cancer since 2002, appointed Associate Medical Director for Cancer in 2014. Breast cancer clinical lead with NHS Improvement for the National Cancer Survivorship Initiative 2010 and continues as a consultant medical advisor for Macmillan. Member of the partnership board of the West of England Genomic Medical Centre

[Dr Mark Beresford](#)

Mark Beresford is a consultant clinical oncologist and lead for radiotherapy and clinical trials at the Royal United Hospital Bath and a visiting senior lecturer at University of Bath. He specialises in the treatment of breast and urological cancers.

He is a graduate of both Cambridge and Oxford Universities and undertook his specialist oncology training in London (UCLH, Charing Cross and Mount Vernon Hospitals). He has a DM from Oxford University for research into the assessment of response to chemotherapy using functional imaging techniques. He is author of over 50 peer-reviewed publications including scientific papers and textbooks.

Dr Beresford is chief investigator on numerous national and international clinical trials. He is a member of the NCRI Breast Cancer Clinical Studies Group and Advanced Disease subgroup, has advised NICE at scoping meetings and technology appraisals and is a committee member of the British Uro-oncology Group, Action for Bladder Cancer and Cancer Research at Bath. He is co-founder of the UK Breast Cancer Meeting. His particular areas of interest include neoadjuvant therapy, endocrine therapy, early prediction of response to treatment, and the philosophy of cancer care.



[Dr Michael Harris](#)

Michael Harris was a local GP for 27 years and was also Associate Postgraduate Dean at the Severn Deanery. He is Visiting Lecturer at the University of Bath, and Honorary Senior Consultant at the University of Bern, Switzerland.

His main research interest relates to the early diagnosis of cancer in primary care: why do cancer survival rates vary so widely across Europe, and why are the UK rates so poor?

To work on this, he set up and leads the Örenäs Research Group, which has collaborators in 23 academic and medical centres in 19 European countries. The Group's current project is identifying which system factors affect GPs' decisions to refer patients for further investigation and, of those, which lead to national differences in referral rates.



[Dr Matthew Lloyd](#)

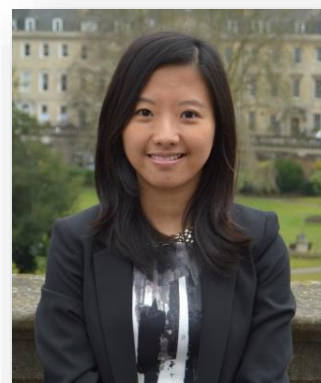
Matthew Lloyd read Biological Chemistry at the University of Leicester, followed by a DPhil (PhD) degree at the University of Oxford working on antibiotics and finishing in 1992. After several years of working as a post-doctoral researcher at Brown University, USA and Oxford, Matthew joined the Department of Pharmacy & Pharmacology at the University of Bath in 2002. He is currently a Senior Lecturer in the Department. His research focusses on enzymes (proteins that perform chemical reactions in the cell) using techniques from chemistry, biochemistry and molecular biology to understand disease states and develop new treatments, especially for cancer.

He is also a 4th Degree Black Belt (International Instructor) in the Chan'g-Hon style of Taekwon-Do.



[Mrs Guat Ling Lee](#)

Guat Ling Lee is a final year PhD student from the Department of Pharmacy and Pharmacology at the University of Bath. She graduated with MPharm degree (first class honours) from the University of Manchester and then worked as a clinical rotational pharmacist at the Barnet and Chase Farm Hospitals NHS Trust (now part of the Royal Free London NHS Foundation Trust). She studies her PhD under the supervision of Dr Matthew Lloyd and Dr Timothy Woodman. Her research focuses on understanding the catalytic mechanism of the enzyme AMACR (α -methylacyl-CoA racemase) with the aim to inhibit the enzyme and stop the progression of castrate-resistant prostate cancer.



[Mr Kunal Tewari](#)

Kunal Tewari is a final year PhD student from the Department of Pharmacy and Pharmacology at the University of Bath. He did his Bachelor's degree (in Pharmaceutical Sciences with First class) and Master's degree (in Pharmaceutical Chemistry with First class distinction) in India. He then worked for a year as a lecturer in Pharmaceutical Chemistry (University of Mumbai). He is currently doing his PhD under the supervision of Dr Ian M. Eggleston and Dr. Charareh Pourzand. His research involves investigating targeted 5-aminolaevulinic acid dendrimers for photodynamic therapy.

