



The University of  
Nottingham



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# Sixth Annual

## Cancer Research at Nottingham Summer School

**"New Developments in Translational Research"**

**1st – 2nd July 2009**

*and*

## British Association for Cancer Research / European Association for Cancer Research Symposium

**"Cancer Drug Discovery, Development and Evaluation"**

**3<sup>rd</sup> July 2009**

**Venue:**

**C50 Portland Building and Centre for Biomolecular Sciences  
University of Nottingham, Nottingham, NG7 2RD**

**Sponsors:**



**Merck Biosciences**

Calbiochem | Novabiochem | Novagen



**For further information please contact:**

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## Introduction and Learning Objectives

The Centre for Cancer Research at Nottingham (CRN), in collaboration with the British and European Association for Cancer Research (BACR and EACR respectively), is pleased to announce the sixth of an annual series of Nottingham Cancer Research Summer Schools. The two-day summer school is followed by a BACR/EACR sponsored symposium, attendance at which can be registered for individually or in conjunction with the Summer School.

Cancer is a subject that embraces an ever-widening range of disciplines. These events should be of interest to a wide variety of individuals ranging from undergraduate and pre-doctoral students all the way through to non-clinical and clinical post-doctoral research scientists and allied professionals. To ensure maximal interaction between teaching staff and participants no more than 35 places are available for the Summer School. Topics will be taught by a mix of didactic lectures and practical demonstrations. The number of places available for the BACR/EACR Symposium is unlimited.

### Summer School:

Upon completion of the two-day course participants should have the knowledge and skills enabling them to:

1. Plan and organise appropriate experiments to answer research questions.
2. Apply knowledge in their own subject area more widely in the field.
3. Formulate questions, which promote thinking and active learning.
4. Critically analyse research findings.
5. Evaluate one's own and other's research endeavours.

### BACR/EACR Symposium:

The translation of recent advances in our understanding of the cellular and molecular biology of cancer cells into therapeutic products providing real clinical benefit is one of the key challenges and areas of contemporary interest in cancer research. In the small molecule arena the discovery of agents such as Gleevec® in recent years promise the dawn of a new era of efficacious cancer drugs devoid of the serious side effects associated with established cytotoxic chemotherapeutic agents. The programme brings together cutting edge research in the identification and validation of cancer drug targets with their translation into novel agents in preclinical and clinical development. The Symposium will be of interest to both clinical and non-clinical researchers with an interest in the discovery, development and evaluation of new cancer treatment modalities.

The Summer School and BACR/EACR Symposium will be held at the University of Nottingham. The University is a centre of excellence for teaching and research and is situated on a 330 acre landscaped campus set in an area of woodland parks and playing fields three miles from the centre of the historic City of Nottingham.



**Cancer Research at Nottingham Summer School  
Programme**

**Wednesday 1<sup>st</sup> July 2009**

**Venue: C50 Portland Building, East Drive  
University Park, University of Nottingham**

**Coffee and Registration: 9.00 – 9.25**

**Welcome and Introductory Remarks: 9.25 – 9.30**

***Morning session: Chair Dr Lodewijk Dekker (UoN)***

<b>9.30 – 12.15</b>	<b>Design and therapeutic assessment of new cancer modalities</b>
<b>9.30 – 10.15</b>	<b>High throughput screening approaches in cancer drug discovery</b> Dr Lodewijk Dekker (UoN)
<b>10.15 – 11.00</b>	<b>Target directed drug discovery</b> Dr T Bradshaw (UoN)
<b>11.00 – 11.30</b>	<b>Tea and Coffee</b>
<b>11.30 – 12.15</b>	<b>Pharmacology and in vivo modelling in cancer research</b> Prof Sue Watson (UoN)

**12.15-13.00 Lunch (served in the Atrium Portland Building)**

**Venue: C50 Portland Building**

***Afternoon session: Chair Marc Hummersone, Pharminox (UK)***

<b>13.15 – 14.00</b>	<b>Links between Transcription, Signalling and Carcinogenesis</b> Dr Shams-Nateri (UoN)
<b>14.00 - 14.45</b>	<b>Screening for New Drugs</b> Dr Ian Dale – AstraZeneca, UK
<b>14.45 – 15.45</b>	Demonstrations: <b><u>Venue: Centre for Biomolecular Sciences</u></b> Molecular Modelling/ Medicinal Chemistry/ X-ray Crystallography
<b>15.45 – 16.00</b>	<b>Tea and Coffee</b>
<b>16.00 – 16.45</b>	<b>Summary presentation (CBS Room B02) on design and therapeutic assessment of new cancer modalities</b> Marc Hummersone, Pharminox (UK)
<b>16.45 – 18.00</b>	<b>Cheese and Wine (Boffins Cafeteria CBS)</b>



## Cancer Research at Nottingham Summer School

### Programme

Thursday 2<sup>nd</sup> July 2009

Venue: C50 Portland Building, East Drive  
University Park, University of Nottingham

#### **Morning session: Chair Dr A Grabowska (UoN)**

<b>9.00 – 12.20</b>	<b>New target discovery and validation</b>
<b>9.00 – 9.45</b>	<b>Microarray technologies</b> Dr P Tighe (UoN)
<b>9.45 – 10.30</b>	<b>Proteomics</b> Dr David Tooth (UoN)
<b>10.30 – 11.00</b>	<b>Tea and Coffee</b>
<b>11.00 – 11.45</b>	<b>Molecular technologies for target validation</b> Dr A Grabowska (UoN)
<b>11.45 – 12.30</b>	<b>Tissue arrays, immunohistochemistry &amp; image analysis</b> Dr J C Murray (Medical Solutions Plc)

**12.30 – 13.00** (*Group Photo 13.00*) **Lunch (served in the Atrium Portland Building)**

#### **Afternoon session: Chair Dr S Martin (UoN): Venue C50 Portland Building**

<b>13.30 – 14.15</b>	<b>In vitro systems – proliferation, apoptosis and angiogenesis assays</b> Dr S Martin (UoN)
<b>14.15-15.00</b>	<b>Application of genomic techniques in Cancer Research</b> Dr T Gant (University of Leicester)
<b>15.00 – 16.00</b>	<b>Demonstrations - Gene Expression/ Tissue Culture/ In vitro Assays</b> <b><u>Venue: Centre for Biomolecular Sciences</u></b>
<b>16.00 – 16.15</b>	<b>Tea and Coffee (Boffins Cafeteria CBS)</b>
<b>16.15 – 17.00</b>	<b>Summary presentation (Room B02) on new target discovery and validation</b> Professor A Willis (UoN)

**Closing Remarks: 17.00**



**British Association for Cancer Research/  
European Association for Cancer Research  
Symposium**

**Programme**

**Friday 3rd July 2009**

**Venue: A150 Lecture Theatre, Centre for Biomolecular Sciences**

**Coffee and Registration: 9.30am – 10.00am**

<b>Morning session:</b>	<b>Chair: Andrew Westwell (Cardiff University, UK)</b>
<b>10.00 - 10.40</b>	<b>Anne-Lise Børresen-Dale</b> Institute for Cancer Research, Norwegian Radium Hospital, Oslo, Norway "Exploring the systems biology/pathology of breast cancer"
<b>10.40 - 11.20</b>	<b>Jörg R. Schlehofer</b> Deutsches Krebsforschungszentrum (DKFZ), Heidelberg, Germany "Oncolytic virotherapy of glioma using parvovirus H-1"
<b>11.20 – 11.40</b>	<b>Tea and Coffee</b>
<b>11.40 - 12.20</b>	<b>Michael Seckl</b> Imperial College of Science, Technology and Medicine, London UK "SCLC biology and development of novel therapies"
<b>12.20 – 13.00</b>	<b>Beverly A. Teicher</b> Genzyme Corporation, USA "Stromal & Vascular Cells as Therapeutic Targets: Endosialin"

**13.00 – 14.00**

**Lunch**

<b>Afternoon session:</b>	<b>Chair: Peter Fischer (UoN, UK)</b>
<b>14.00 – 14.40</b>	<b>Ruth Plummer</b> Professor of Experimental Cancer Medicine Northern Institute for Cancer Research, Newcastle upon Tyne, UK 'PARP inhibitors - taking a new class of drug into the clinic'
<b>14.40 – 15.20</b>	<b>Paul J Smith</b> Department of Pathology, School of Medicine, Cardiff University, Cardiff, UK 'Targeting the Glycocalyx'
<b>15.20 – 16.00</b>	<b>John Hartley</b> UCL Cancer Institute, University College London, UK "DNA crosslinking agents - from the clinic to the laboratory and back again"



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## Venue and Administration Details

### Venue:

1st – 2<sup>nd</sup> July 2009 – C50 Portland Building, East Drive, University Park. *Demonstrations and afternoon talks will take place at the School of Pharmacy, Centre for Biomolecular Sciences.*

3<sup>rd</sup> July 2009 – School of Pharmacy, A150 Lecture Theatre, Centre for Biomolecular Sciences.

### Travel Information:

The School of Pharmacy is situated on the main University campus (University Park) to the west of Nottingham city centre. The nearest train station is in Nottingham city centre. Further details and maps can be found on the University of Nottingham website at <http://www.nottingham.ac.uk/campuses/index.phtml>

### Accommodation:

Details of accommodation in Nottingham can be found on the Nottinghamshire County Council tourism website at:

<http://www.nottinghamshiretourism.co.uk/>

### Posters:

Should you wish to present a Poster, please provide us with a short (1 page max.) abstract of the poster you would plan to present, for consideration by the scientific organising committee by 29 May 2009.

### Poster Prizes:

1 Winner and 2 “Highly Commended” Awards will be made on Friday 3<sup>rd</sup> July 2009.

### Travel Bursary Awards:

A total of 3 Travel Bursary Awards of up to €500 are available to non-UK based participants which will also include registration fees for both the Summer School and Symposium. Please complete the application form and return directly to [kathryn.wass@nottingham.ac.uk](mailto:kathryn.wass@nottingham.ac.uk). *The Abstract deadline for applications for this award has been extended to 31<sup>st</sup> March 2009.*

### Registration: Registration Deadline: 17 June 2009

Delegates can register either by post or fax using the details below:

Jane Doughty  
School of Pharmacy, Centre for Biomolecular Sciences  
University of Nottingham  
University Park  
Nottingham. NG7 2RD Fax: 0115 8468877

**Places are allocated on a first come, first served basis – book early to avoid disappointment.** Cheques should be made payable to ‘University of Nottingham’ or UoN account codes for home delegates can be provided. If you prefer to pay by credit card, please complete the form below and fax or email it to Jane Doughty.

Registration fees include lunch and refreshments. Any registration queries, please email [jane.doughty@nottingham.ac.uk](mailto:jane.doughty@nottingham.ac.uk).

### Cancellation Policy:

In the event of a cancellation, a refund of the total fee paid, less 25% administration costs, will be made on provision of a written cancellation before 17 June 2009. After this date, no refund can be made. Substitutions can be made at any time.



## Registration Form

**Registration Deadline: 17 June 2009**

Please complete using BLOCK CAPITALS

**Title:** \_\_\_\_\_ **Surname:** \_\_\_\_\_

**Forename:** \_\_\_\_\_ **Job Title:** \_\_\_\_\_

**Correspondence Address:** \_\_\_\_\_

\_\_\_\_\_

**Postcode:** \_\_\_\_\_ **Tel:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**Email:** \_\_\_\_\_ **Institution:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Registration Fee (please tick):**

*Please note that the Symposium can be registered for individually or in combination with the Summer School. Members of the British and European Associations for Cancer Research in particular are encouraged to apply.*

Summer School and EACR / BACR Symposium:

Student\* £50

Standard £150

EACR / BACR Symposium Only:

Student\* £30

Standard £70

\*Student rate applies to undergraduates, postgraduates and individuals on scholarships/bursaries.

Poster submitted Yes  No

**Payment Method (please tick):**

Credit Card Amount: \_\_\_\_\_

Cheque Amount: \_\_\_\_\_ Made payable to 'University of Nottingham'

UoN Project Code Amount: \_\_\_\_\_ Code to be debited: \_\_\_\_\_

\_\_\_\_\_



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### Credit Card Payment

***Please note: American Express and Diners Card are not accepted***

<b>Name</b>			
<b>Full address including post/zip code as recorded with the bank</b>			
<b>Type of card:</b>		<b>Main Card No:</b>	
<b>Card holder name:</b>		<b>Issue number: (Switch Card only)</b>	
<b>Start date:</b>		<b>Expiry date:</b>	
<b>Security code:</b>		<b>Total amount to pay:</b>	
<b>Signature:</b>		<b>Date:</b>	

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# British Association for Cancer Research / European Association for Cancer Research

## **"Cancer Drug Discovery, Development and Evaluation" Symposium 3rd July 2009**

### Meeting Bursary Award

A total of 3 Meeting Bursary Awards will be awarded which will cover registration fees for both the Summer School and Symposium and up to €500 towards travel and accommodation costs

Applicants should submit this form along with, Abstract and registration form before the deadline date of 31<sup>st</sup> March 2009

Surname:		
First Name:		
Title: (Miss/Ms/Mrs/Dr/Prof)		
Address: (preferably place of work)		
Age:		
Title of Abstract:		
E-mail address:		
Please give details ( <i>in no more than 300 Words</i> ) how you feel you would benefit from attending the BACR/EACR 2008 Symposium		
Brief breakdown of projected travel expenditure:		
Either BACR or EACR Member (please mark)	YES	NO
Most recent papers:		