



BACR Tumour Microenvironment and 3D Cancer Modelling Workshop

8th to 10th July 2026

The Senate and Great Hall of the Trent Building, University of
Nottingham

Organisers:
Cinzia Allegrucci
Andrew Benest
Beth Coyle
Alan McIntyre
Catrin Pritchard
Jacqueline Shields
Sarah Storr

CAMPUS VENUES
CONFERENCES & ACCOMMODATION

Chemistry Building	28
Coates Building	36
Coates Road Auditorium	51
David Ross Sports Village	34
East Midlands Conference Centre	58
Engineering & Science Learning Centre	54
George Green Library	24
Hallward Library	9
Highfield House	10
Humanities Building	55
Keighton Auditorium	56
Law & Social Sciences	7
Lenton Grove	5
Medical School	46
Music Building	33
Nottingham Conferences Cottage	59

Nottingham Lakeside Arts Centre	49/50
Pharmacy Building	26
Physics Building	22
Pope Building	27
Portland Building	15
Psychology Building	29
Sir Clive Granger Building	16
Teaching and Learning Building	62
The Hemsley Building	8
Trent Building	11
Vaughan Parry Williams Pavilion	47

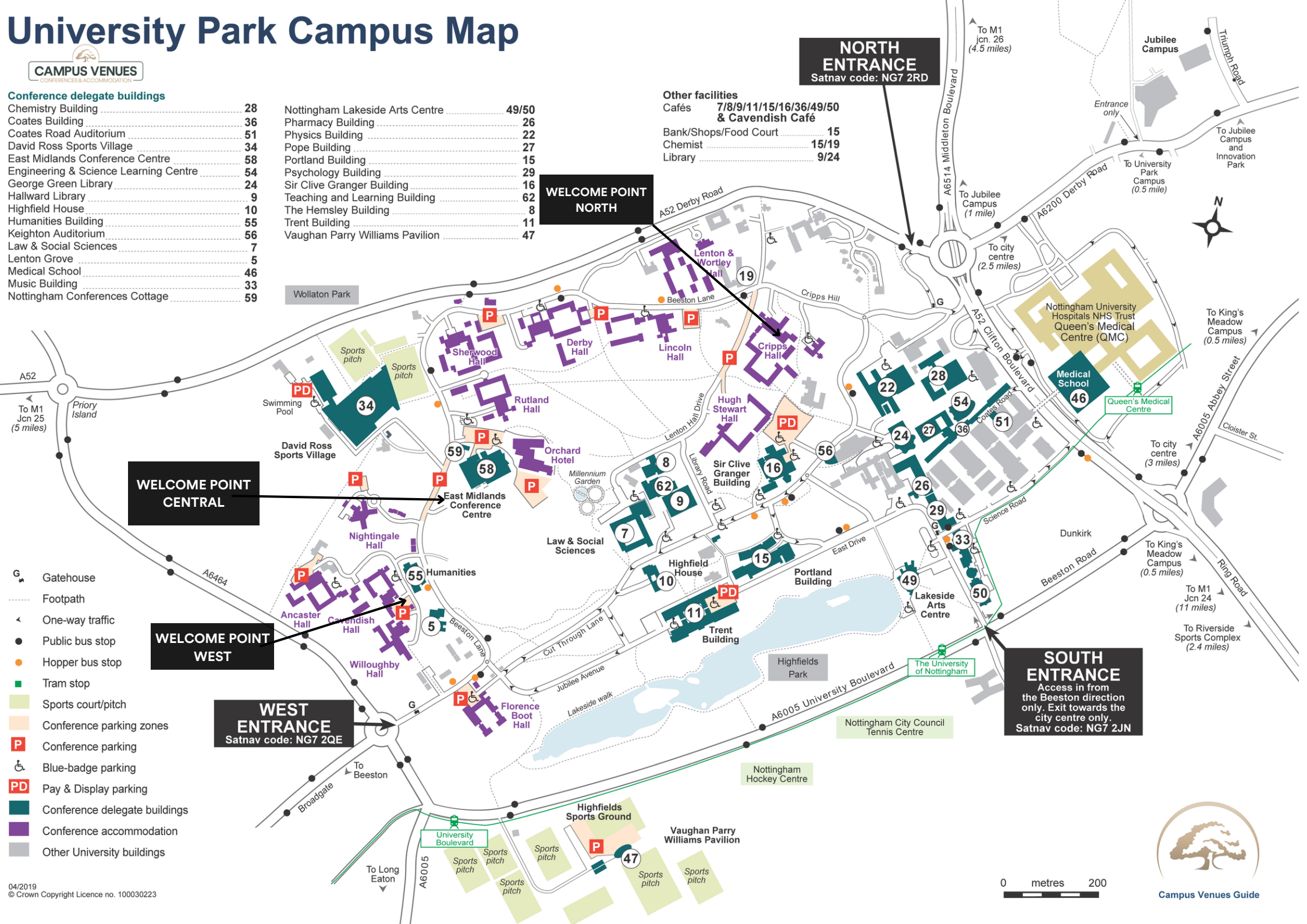
Other facilities

Cafés **7/8/9/11/15/16/36/49/50**
& Cavendish Café

Bank/Shops/Food Court **15**

Chemist **15/19**

Library **9/24**





BACR Tumour Microenvironment &

3D Model Workshop

8th to 10th July 2026

Trent Building, University of Nottingham

Day 1:

8th July – 3D Model Workshop

10.00	Coffee (Great Hall) and Registration (Council Room)
10.30	Introduction and Welcome (Senate Chamber) Catrin Pritchard
Session 1: Focus on live tissue cultures and bioengineering	
Chair: Catrin Pritchard	
10.35	Invited speaker - Gareth Miles (University of Leicester) <i>Patient-Derived Explants (PDEs) as a preclinical platform for predicting patient responses to advanced anti-cancer therapies.</i>
11.05	Invited speaker - Eric O'Neill (University of Oxford) <i>Human Tumour Avatars to elucidate the role of NK cells in pancreatic cancer responses</i>
11.35	Invited speaker - Darryl Overby (Imperial) <i>Perfusable Tumour-on-Chip Models of Human Cancer</i>
12.05	Talk selected from abstracts 21 Mansi Shah (University College London) Patient-Derived Bone Marrow Explant Platform to Predict Response and Uncover Resistance to Immunotherapy in Haematological Malignancies
12.20	Talk selected from abstracts 65 Kavitha Kirubendran (King's College London) Exploring the immunomodulatory role of the extracellular matrix in a patient-derived model of the hepatocellular carcinoma microenvironment
12.35	Lunch and poster viewing (judging odd numbers; Great Hall)
Session 2: Focus on primary cells/organoids	
Chair: Cinzia Allegrucci	
14.00	Invited speaker – Paloma Ordonez-Moran (University of Nottingham)

	<i>Advanced 3D in vitro niches reveal how colon cancer cells acquire adaptive plasticity and chemoresistance</i>
14.30	Invited speaker - Chris Tape (University College London) <i>Single-cell Phenoscaping of Tumour Microenvironment Organoids</i>
15.00	Invited speaker - David Fernandez-Antoran (University of Cambridge & Aragon Health Research Institute) <i>Human epithelioids provide new insights into tumour evolution during clinical therapies</i>
15.30	Talk selected from abstracts 13 Rachel Cynthia Bryan-Ravenscroft (Barts Cancer Institute) <i>STIC to Spread: Using human 3D in vitro models to understand the evolution of serous tubal intraepithelial carcinoma lesions to high grade serous ovarian cancer</i>
15.45	Talk selected from abstracts 95 Danai Stella Gkotsi (University of Nottingham) <i>Engineering fully humanised 3D tumour microenvironment models of paediatric posterior fossa brain tumours</i>
16.00	Refreshment Break (Great Hall)
Session 3: Personalised therapies now and in the future Chair: Catrin Pritchard	
16.30	Keynote Speaker - Daniela Thommen (NKI) <i>Ex vivo tumor fragments as precision medicine tools to personalize cancer immunotherapy</i>
17.15	Q&A session. 'What is the requirement for pre-clinical models?' Open floor discussion and closing remarks to include representatives from UKRI, NC3Rs, regulators & industry Chaired by Marion MacFarlane (MRC Cambridge)
18.00-19.00	Poster prize for best model (Cinzia Allegrucci) Drinks Reception- Networking and Poster viewing (Great Hall)

Day 2:

9th July - Tumour Microenvironment

Session 1: Welcome and keynote	
8.55	Introduction and welcome: Beth Coyle
9.00	Keynote Speaker: Peter Friedl (Netherlands) <i>Enhancing CTL effector function and cooperation in the tumor microenvironment</i>
Session 2: Host-tumour interactions Chair: Gareth Miles	
9.45	Invited speaker - Evangelos Giampazolias (CRUK Manchester Institute) 2025 BACR/AstraZeneca Young Scientist Frank Rose Award Winner <i>Decoding host-microbiome interactions in cancer immunity. Killing cancer with a gut instinct</i>
10.15	Talk selected from abstracts-103 Auriane Debatche (Institut Curie Paris) <i>Assessing the role of the intratumoral microbiota in breast cancers using tumor-on-chip models</i>
10.30	Talk selected from abstracts-6 Christopher Jones (University of Manchester) <i>Radiotherapy promotes the recruitment and activation of intra-tumoural DCs and enhances CD64+CCR7+ cDC2 egress to the draining lymph node.</i>
10.45	Refreshment Break (Great Hall)
Session 3: Spatial Mapping of the TME I Sponsored by 10X Genomics Chair: Sarah Storr	
11.15	Invited speaker- Sheeba Irshad (Kings College London) Spatially coordinated B cell programmes in early breast cancers
11.45	Talk selected from abstracts-96 Gabriela D'Amico (Barts Cancer Institute, Queen Mary University of London) <i>Multi-omic spatially resolved landscape of South Asian British, Black British, and White British breast cancers</i>



12.00	Talk selected from abstracts-11 Jiayi Hu (University of Manchester) <i>Investigating hypoxia biology signalling and biomarkers via 3D spheroid spatial transcriptomics</i>
12.15	Lunch and Posters (judging even numbers; Great Hall)
Session 4: Bioengineering Chair: Alan McIntyre	
14.00	Invited speaker - Luca Urbani (Kings College London) <i>Extracellular matrix signatures in molecular subtypes of primary colorectal tumours and liver metastasis</i>
14.30	Invited speaker – Yuqi Shen (University of Oxford) <i>A multi-niche human bone marrow organoid model for blood cancer research and therapeutic development</i>
15.00	Talk selected from abstracts-15 Aranzazu Villasante (IBEC/BIST, Barcelona, Spain) <i>Microengineered metastasis-on-chip reveals tumor-specific responses to microenvironmental cues in developmental cancers</i>
15.15	Talk selected from abstracts-63 Jennifer Ashworth (University of Nottingham) <i>Probing Multiscale Matrix Regulation of Cell Phenotype via Tumour-Mimetic Biomaterials</i>
15.30	Refreshment Break (Great Hall)
Session 5: Hormonal regulation Chair: Jacqueline Shields	
16.00	Invited speaker – Colinda Scheele (KU Leuven, Belgium) <i>How hormonal remodelling drives the initiation of breast cancer</i>
16.30	Talk selected from abstracts- 71 Damien Leach (Imperial College London) <i>Fibroblast derived ECMs for modelling disease progression, hormonal regulation, and targeting interactions with cancer cells</i>
16.45	Flash talks – 3 min (max 3 slides)- selected from abstracts (8,24,27,56,61,62, 72,74,81,91,97)

17.15/30	Networking time (and poster viewing)
18.30	Drinks Reception in the Council room and foyer followed by the Conference Dinner in the Senate Chamber (opening onto lakeside)

Day 3:

10th July – Tumour Microenvironment

9.00	Keynote Speaker (Introduced by Paloma Ordonez Moran) Douglas Hanahan (Switzerland) <i>Intersections of cancer neuroscience and immunosuppression in the TME, and their hallmark co-targeting</i>
Session 6: Spatial predictors of therapy response Chair: Andrew Benest	
9.45	Talk selected from abstracts-14 Matouš Elphick – (The Francis Crick Institute, London/CRUK, Manchester Institute) <i>Multimodal single cell spatial transcriptomics and proteomics to uncover the biological processes driving immunotherapy response and resistance in renal cancer</i>
10.00	Talk selected form abstracts-22 Christopher J Hanley (University of Southampton) <i>TP53 Inactivation and Microenvironmental Cues Coordinate Lineage Plasticity and Therapy Resistance in Lung Adenocarcinoma</i>
10.15	Invited speaker - Raza Ali (Cambridge) <i>Spatial predictors of response to neoadjuvant IO therapy</i>
10.45	Refreshment break (Great Hall)
Session 7: Metastatic mechanisms Chair: Alan McIntyre	
11.30	Invited speaker – Jacky Goetz (CRBS, France) <i>Intracellular architecture and mechanics: new rheostats of metastasis</i>
12.00	Invited speaker - Victoria Sanz-Moreno, (ICR London)

	<i>Stress Signals in the Tumour Microenvironment: Physical and Chemical Inducers of Metastasis</i>
12.30	Talk selected from abstract – 4 Jonathan M. Burden (Barts Cancer Institute, London) <i>Centrosome amplification altered secretion drives tumour angiogenesis and TME remodelling</i>
12.45	Talk selected from abstract – 70 Helen B Pearson (Cardiff University) <i>Exploring the tumour suppressive role of PTEN in prostate fibroblasts</i>
13.00	Lunch and Poster Session (finalising poster prizes)
14.30	Invited Patient perspective: Imogen Westwood and Andy Westwood; <i>An everyday tale of teenage cancer.</i> (Introduced by Beth Coyle)
Session 8: Into the clinic Chair: Jacqueline Shields	
15.10	Invited speaker. Gareth Thomas (University of Southampton) <i>Exploiting Fibroblast Plasticity for Cancer Therapy</i>
15.40	Invited speaker. Katherine Cook (Scancell Nottingham) <i>Bench to Clinic: Development of the DC Targeting Melanoma Vaccine, SCIB1 for melanoma</i>
16.10	Closing Remarks (Beth Coyle)/Poster Prizes (Cinzia Allegrucci) and meeting end.

The BACR would like to thank and acknowledge the support of their Sponsors and Exhibitors

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