

Sep-Oct
2025

Newsletter

Issue 41



Across the world, October is celebrated as Breast Cancer Awareness Month. Be self aware! Regularly self-evaluate and attend screening if eligible! At the Nottingham Breast Cancer Research Centre, we continue to spotlight our leading research and researchers across Nottingham, as well as our loyal patient supporters who ensure our work is funded.

NBCRC Members & Research Updates

We are delighted to welcome the following new associate members to The Nottingham Breast Cancer Research community.

Khushboo Pathania, Commonwealth Split-site PhD Scholar, supervised by Dr Andy Green

Khushboo's research explores the role of metabolic reprogramming in breast cancer cells as a survival mechanism to sustain rapid growth, a phenomenon known as the Warburg effect. Her focus is on targeting the enzyme lactate dehydrogenase (LDH), which drives this altered metabolism, aiming to disrupt cancer energy production and suppress tumour growth.

Saskia Withington, MRes Researcher, supervised by Dr Sarah Storr

Saskia's research will aim to establish a more physiologically relevant 3D model to provide further understanding into the molecular mechanisms underlying breast cancer colonising bone. She aims to achieve this through the development of 3D printed trabecular bone scaffolds with human mesenchymal stromal cells to support co-culture systems involving multiple breast cancer cell lines.

Anum Malik, supervised by Dr Sarah Storr and Dr Dong Hyun Kim

Anum is a PhD researcher in the School of Pharmacy, focusing on investigating tumour metabolic heterogeneity and the tumour microenvironment using single-cell metabolomics and advanced mass spectrometry imaging techniques.

PhD Studentship

We will be welcoming our first fully funded NBCRC PhD Student starting in 2026. We have, following rigorous external peer review, selected the research projects that the chosen student will select from:

Dr Daniel Booth - The Ki-67 reload: Investigating novel links between the mitotic chromosome periphery, cell division fidelity and breast cancer.

Dr Judith Ramage - A multi-omics spatial approach to characterise and define the tumour immune microenvironment in UK and African triple negative breast cancer patients and the effects on their prognosis.

Fundraising Event Updates

John Lewis & Partners Charity Beauty Show

Nottingham Breast Cancer Research Centre was selected as the John Lewis' charity of the year to spotlight it during Nottingham Breast Cancer Awareness month, for a second year running. The Beauty Show included updates on the centre and its research, delivered by Professor Emma Wilson, University of Nottingham Public Health and Epidemiology. Akpevwen Ogbonolusegun from Nottingham Breast Institute demonstrated, using breast prosthetics, how to check your chest, and Alexandra Perry, Founder of H.E.R Bodywear and member of our patient support group, shared her lived experience of breast cancer and her bra range designed to help women. The MAC team delivered a wonderful make-up tutorial demonstrating how to use their products during the festive season. The total amount raised was £215.20. Many thanks to everyone who attended.



The University of Nottingham Confucius Institute

The Nottingham Confucius Institute and Lakeside Arts hosted their annual Autumn Charity Concert on 27 September, drawing over 200 attendees for an evening of East-meets-West musical fusion. Professional musicians Ling Peng (erhu), Sid Peacock (guitar), and Ruth Peacock (violin) performed adapted pieces from traditional Chinese opera and folk songs, including "Happy Joy Song" and "Jasmine Flower." University of Nottingham alumna Zhenzhen Zhu delighted the audience with a guzheng performance of "Dance of the Yao People" and an interactive "guess the tune" segment. The successful event raised £1,360 for the Nottingham Breast Cancer Research Centre. Thanks to all musicians, staff, volunteers, and attendees for their generous support.



Robin Hood Half Marathon 2025

We're thrilled to announce that this year's Robin Hood Half Marathon was our most successful yet! Over 20 dedicated runners took on the 13.1-mile challenge, collectively raising an incredible £6,683.20 for the Nottingham Breast Cancer Research Centre. The atmosphere on race day was truly electric, with runners demonstrating extraordinary resilience and determination from start to finish. They were buoyed by enthusiastic support from friends, family, and our University team who lined the route to cheer them on every step of the way. To everyone who ran, donated, or showed their support – thank you. Your commitment is helping to fund vital breast cancer research that will make a real difference to patients and families across Nottingham and beyond.



Ruddington Grange Golf Club
COFFEE & CRAFT FAIR

WILFORD ROAD, NG11 6NB

THURSDAY 27TH NOVEMBER 2025

HANDMADE CARDS AND PAINTINGS
- BAGS & JEWELLERY - PLANTS -
CANDLES AND PERFUMES - BRIC-A-BRAC - BOOKS AND TOMBOLA

£5 ENTRY FEE - INCLUDES A HOT DRINK & SLICE OF CAKE

ALL PROCEEDS GO TO SUPPORT NOTTINGHAM BREAST CANCER RESEARCH CENTRE

FROM 10AM-1PM

Coffee & Craft Fair

Join us for the Ruddington and Grange Golf Club Coffee & Craft Fair on Thursday 27th November 2025. Browse handmade gifts, jewelry, plants, candles and more – perfect for Christmas! Please contact Ellie Chipperfield by email echipperfield67@hotmail.co.uk for more information.

NBCRC Branded Gifts

We have a number of branded items including golf umbrellas, tote bags, pens and mugs. If you would like to purchase any please get in touch with us.

NBCRC Tours

If you would like to have a look around our research facilities, meet some of our researchers and hear about the wonderful research that you are helping to make possible please contact us, we would love to show you around!

How to Give

You can help support vital breast cancer research. Making a gift is easy, you can donate once or set up a regular direct debit.

[Donate](#)

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nbcrc@nottingham.ac.uk

Website:
www.nottingham.ac.uk/go/nbcrc

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