

News and Events

The Dragon Boat Race is on!

Fancy a fun day on the river helping to beat breast cancer?



Join us for
**The 2024 Nottingham Breast Cancer Research
Dragon Boat Race**

1 boat = 10 rowers.... 1 drummer... £41 per person

When? Sunday 23rd June 2024

Where? River Trent Nottingham

For more information contact us

hello@plotdesign.org.uk



Thanks to two of our very loyal supporters who are taking on the organisation of this popular event, which aims to raise a significant sum for breast cancer research. Get together with colleagues, family or friends and help to make a huge difference in the fight against breast cancer whilst having a fun (and did I mention competitive) day out. Contact details on the poster above.

It's time to [get your tickets](#) for the ever popular University of Nottingham Medics Show. This year brings you **9 to 5 The Musical** at Nottingham Arts Theatre, 7/8/9 March.

A group of medical students will have a stall in the theatre foyer where they will be raising awareness and funds for NBCRC. NBCRC's Dr Andy Green will also be starring in the production.



Save the Date



Very happy to announce that the team behind these amazing events is back again, already working hard to bring you an amazing Boobie Ball experience. Pop that date in your diary and look out for further information and ticket release.

If you can support the organisers with prizes and donations for auction, I'm sure they would love to hear from you.

<https://www.facebook.com/HopeBallNottingham/>

Dr Sarah Storr has been out and about in Nottingham recently, representing NBCRC.

In December Sarah spoke to secondary breast cancer patients at the Maggie's Centre at Nottingham City Hospital. The discussion covered research conducted at NBCRC and why research is so important.

If you would like one of our researchers to talk to your group/club/workplace, please get in touch.

On 10 Feb Sarah was at Nottingham Central Library, representing NBCRC at the Festival of Science and Curiosity with a range of activities aimed at a younger audience.



Spotlight on research

The importance of tackling obesity in breast cancer management and prevention

Obesity is recognised as a risk factor for breast cancer occurrence, but it is also associated with a worse prognosis. A paper recently published in widely read, trusted, and influential journal, (*Nature Communications (2023) 14:4418*), presents the findings of the first large scale study where patients, including those from Nottingham, have been used to investigate how the biology of breast cancer differs depending on obesity.

The study took several years to complete, with many researchers from across the world collaborating with each other. Researchers at Nottingham Breast Cancer Research Centre were first approached 7 years ago when conversations began about contributing to the project.

This involved clinicians in Nottingham collecting weight and height of patients at the start of their treatment. This was matched with existing research which was conducted in 2006 looking at how differences in the DNA of patients correlated with different tumour characteristics. Data from over 2,000 patients were used in the overall study, with data from 350 Nottingham patients.

In summary, the study found that overweight and obese breast cancer patients are more likely to have aggressive tumours due to a larger number of changes in DNA. This landmark study unveils the critical role of weight management in both breast cancer prevention and treatment. It also opens the door to personalised care plans, tailored to each patient.

The preliminary results of the study were first presented at the San Antonio Breast Cancer Symposium, one of the world's largest breast cancer meetings, in 2021. In the intervening months, a full research paper was drafted and reviewed by experts in the field before being published in July 2023.

This study is just one example of a 'Treat it Right' research project involving members of NBCRC. Each of our members are active in one of more studies such as this, with projects being categorised into one of the following research themes – Detect it Early, Treat it Right and Stop the Spread. Over the next few months more of these projects will be in the spotlight.

NBCRC Members attend UKIBCS - the biggest UK breast cancer conference

The UK Interdisciplinary Breast Cancer Symposium was held recently in Birmingham. It is the largest UK meeting breast cancer meeting where those with an active interest in breast cancer research and treatment (scientists, clinicians and patients) have the opportunity to consider and discuss how the latest advances may impact upon their and others' areas of expertise.

The meeting included highlights initially presented at San Antonio Breast Cancer Symposium in December. For more information, please visit: [Highlights from San Antonio](#)



A series of 16 posters created from the NBCRC Breast Cancer & Me art exhibition were presented at the event, in the main exhibition hall.

2024 NBCRC Pilot Grant call out

NBCRC members are now invited to submit applications in the latest round of funding awards. Please check your inbox for eligibility guidelines, application forms and deadlines.

HOW TO GIVE

We very much appreciate the efforts of all our supporters and fundraisers.

If you would like to support breast cancer research, here in Nottingham, you can make a single gift or set up a regular donation amount at:

<https://bit.ly/NBCRCDonation>

CONTACT US:
nbcrc@nottingham.ac.uk
www.nottingham.ac.uk/go/nbcrc
0115 7485158

Thank You!



Many thanks to Ali Fakroun, Anna Harris and Ashia Wheeler-Crawford for organising a tremendous bake sale which raised a fabulous £264 for NBCRC.

And a huge **thank you** to the **Faculty of Engineering** who raised an amazing £584 for NBCRC at their Christmas celebration event.



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