

Janine Brook's legacy is already having an impact!



Thanks to Mark Dennison from BBC Radio Nottingham for his recent visit to NBCRC to talk about the HypoxyLab, a legacy of Janine Brook. Enormous thanks to Janine's husband Paul and all the BoobieDate supporters who have funded this new equipment.

In the interview Prof Stewart Martin and Dr Sarah Storr describe how the HypoxyLab allows researchers to grow cancer cells in a way that mimics an area of a patient's tumour that is typically resistant to treatment. By replicating this low oxygen environment in the laboratory, some new and exciting test results are already being seen. These hopefully, in time, will lead to new treatments.

You can hear the full interview around 1 hr 14 mins into the following programme:

https://www.bbc.co.uk/sounds/play/p072jgdb?fbclid=IwAR2l6wzE_aAIMv9anJwiXj_Pqc204JI5kR4gO1Zp2aI7_8OhVP-JhEINQwk

PATIENT VOICE

We have recently formed a new NBCRC patient/supporters group to increase engagement and ensure that the patients' voice and views are an integral part of our structure. If you are interested in joining this group and would like more information, please contact: nbcrc@nottingham.ac.uk

KEEP US INFORMED

Are you...

Planning, doing, or have already done a fundraising event to support Nottingham Breast Cancer Research Centre?

Due to new data protection rules, we are not always aware of your fundraising efforts. If you would like to keep us aware of what you are doing please get in touch: nbcrc@nottingham.ac.uk

HOW TO GIVE

Every little bit helps. 100% of every penny given goes directly to our research. If you would like to donate, please visit: <https://alumni.nottingham.ac.uk/impact/donationform-breast-cancer>

Fundraising News



Nottingham Confucius Centre

We were delighted to be presented with a cheque for £3114.60 by the Nottingham Confucius Centre. The money was raised at their Chinese New Year event in February. Thank you to everyone involved, we are so very grateful for your support!

<https://bit.ly/2HUcp64>

CONTACT US:

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www.nottingham.ac.uk/go/nbcrc
0115 7485158

Vest on a quest

Each week between April - September a different member of staff or a student from the University of Nottingham will take part in a run in the UK or abroad wearing our special VEST ON A QUEST!

Each runner will sign their name on the vest after their run and pass on to the next Vest Quester!

As well as raising awareness of the vital work being carried out at the Nottingham Breast Cancer Research Centre, our brilliant Vest Questers will also be raising money to help support our world-leading research team, and you can help them!

Please visit

<https://www.facebook.com/VestOnAQuest> to find out more and follow the vest on its adventures around the world!



Join our cycling team!

We are looking for cyclists to take part in Cycle Live on 23 June to raise funds for NBCRC. Are you up for the challenge?

With distances ranging from 25 miles – 125 miles, there is something for everyone. Once you have signed up for your place, please contact our Community Fundraising Manager, Dawn who will be able to support you with your fundraising. Call 0115 74 84809 or email dawn.broomfield@nottingham.ac.uk

Take on a sky dive

Last year Emma Palfreyman (pictured) made the leap from 10,000 ft and raised an amazing £441. She said "It's the most exhilarating, terrifying, wonderful experience of my life - I'm so glad I did it!"

Fancy jumping with us? Contact our Community Fundraising Manager, Dawn Broomfield on 0115 74 84809 or email dawn.broomfield@nottingham.ac.uk for more information.



Nottingham 10k Cheerers Wanted!

Not a runner but still want to support our Nottingham 10k participants? We currently have over 40 NBCRC runners taking part and we would love your support with cheering them on. Cheerers will be needed on the morning of Sunday 16 June at one of two cheer points on University Park campus. Contact dawn.broomfield@nottingham.ac.uk to express your interest in being part of our cheer squad!

Spotlight on research – Andy Green



Breast cancer affects over 55,000 women every year. Most patients have a type of breast cancer which responds well to present drugs and therefore live longer. However, about a quarter of these patients develop an aggressive form of breast cancer and can die earlier. This form of breast cancer doesn't respond well to drugs and in some patients they only work for a while.

There is a great need to find out the differences between how these different type of breast cancers grow and develop. Finding targets that can be used to make new drugs within these types of patients is key and will allow doctors to plan which drugs should be given based on the type of breast cancer the patient has. In our current work, we have found several new proteins which are in the aggressive type of breast cancer and when it is present patients they do not respond well to drugs and patients die earlier. These proteins have an important role within the cancer cell as they act to transport nutrients into the cell.

These are then used for the cancer cells to grow faster. Some cancer cells rely on these nutrient and without it the cancer cell won't be able to grow as quickly.

We think that if we can target these proteins we can stop the nutrients entering the cancer cells and stop them growing.

Breast Cancer in Older Women

'The 5th Symposium on Primary Breast Cancer in Older Women' was successfully held on Friday 1st March 2019 at East Midlands Conference Centre, hosted by the University of Nottingham in association with the International Society of Geriatric Oncology. Please visit www.nottingham.ac.uk/medicine/breastmeetings for the programme, abstracts and presentations.'



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

Electronic version of this newsletter: <https://bit.ly/2scPlk5>