SCIENTISTS DISCOVER A NEW CELL IN THE LIVER, PROVIDING CLUES FOR TREATING LIVER DISEASE

Centenary Institute scientists, Associate Professor Patrick Bertolina and Associate Professor David Bowen have discovered a never-before identified cell which plays a vital role in preventing harmful microbes from spreading throughout the body by accessing the liver. The study, which details the new cells’ role in the liver, has been published in the prestigious journal, Immunity.

YOUR SUPPORT IN 2017

Your generosity makes a world of difference to our researchers! There are lots of different ways you can offer your support and ensure your contribution is used to directly impact the area of research you are passionate about.

If you’re interested in making a donation to a specific area of our research please contact us on 1800 677 977, email us at donations@centenary.org.au, or you can make an online donation and nominate the area at www.centenary.org.au

Thank you for your ongoing support!

To find out more about our scientists and their latest developments visit our website.

HUSBAND AND WIFE RESEARCH TEAM DEVELOP DRUG TO TREAT PANCREATIC CANCER

For as long as Professor Jenny Gamble and Professor Mathew Vadas AO, Executive Director, have been a partnership in marriage, they have been working on understanding the function of a single cell, the ‘guardian’ endothelial cell that lines our blood vessels.

Professors Gamble and Vadas have been with Centenary for the past ten years. Their painstaking research has enabled them to develop a deep understanding of how the endothelium is critical in the control of inflammation, the body’s response against harmful stimuli.

After more than 30 years, they have developed a new drug that could be effective in some of the hardest to treat cancers with the highest mortality rates, such as pancreatic and liver cancer. This project is made possible by an Avner Pancreatic Cancer Foundation grant.

we’re RUNNING FOR RESEARCH!
**NEW YORK CITY BECKONS FOR DR EDDY THIENTOSAPOL**

One of our promising young scientific talents, Dr Thientosapol has topped an impressive pool of applications, to become one of 12 Australians to be awarded the prestigious Fulbright Postgraduate Scholarship, to attend the exclusive Rockefeller University in New York. City Eddy will return to Centenary with a wealth of knowledge to share.

**RESEARCHER, REICHELLE YEO HAS EVERY REASON TO SMILE!**

Reichel Yeo was awarded the People’s Choice Award for the Sony Foundation’s ‘You Can Innovate Award’, for her submission called ‘Targeting Sugar Metabolism in Youth Cancer’. This submission explores understanding how brain cancer cells uptake and metabolise nutrients at a cellular and molecular level.

**CENTENARY INSTITUTE AGM – COMMERCIALISING OUR DISCOVERIES**

We were welcomed by Chairman Joseph Canzazzo and enjoyed a reflection on a successful year by our Executive Director, Professor Matthew Vadas AD.

Presentations by three of Centenary’s brilliant young scientists captured our discoveries and advancements – Associate Professor Jeff Hold; Head of Origins of Cancer Program, Dr Ben Roediger; Head of the Skin Inflammation and Origins of Cancer Program, Dr Ben Roediger’s research which focuses on inflammatory and fibrotic diseases such as psoriasis, affect approximately 20 per cent of Australians. Along with psoriasis, psoriatic arthritis affects around 1 per cent of the population.

**DR ROHIT JAIN HIGHLY COMMENDED IN NHMRC SCIENCE TO ART AWARD**

This amazing image, captured by Dr Rohit Jain, has been highly commended in the National Health and Medical Research Council Science to Art Award 2017, which recognises outstanding examples of the art that has arisen from research funded by the Council.

Dr Jain was investigating the immune response towards the Leishmania major parasite, when he was intrigued. "Looking under the microscope, we were perplexed by the immobile nature of the parasites. They just hunkered down to face the immune cell onslaught! The parasites use cells as a 'trojan horse' to evade the ensuing adaptive immune response. Rarely does one get a chance to see the great Greek epic unfold within living tissues in the ensuing battle for survival between the host and the parasites," said Dr Jain.

**MORE THAN $26,000 RAISED BY OUR WONDERFUL RUNNERS IN THE CITY2SURF!**

A special thank you to Shaw and Partners who chose Centenary as their charity partner. They exceeded their fundraising goal with $8,570.30 raised for Centenary and the Shaw and Partners Foundation has generously agreed to match their team’s fundraising efforts which will contribute to the overall Team Centenary’s total raised from this year’s City2Surf – more than $26,000 for our vital research!

Funds from Shaw and Partners efforts will directly support Dr Ben Roediger’s research which focuses on understanding how brain cancer cells uptake and metabolise nutrients at a cellular and molecular level.

**CANBERRA SUITS UP! FOR SCIENCE!**

Our nation’s leaders met with Centenary’s leading scientific minds in Canberra as part of National Science Week, in support of Suit Up! for Science, a major annual awareness campaign that promotes the importance of live-saving research, and raises funds to support not only the scientists at the Centenary Institute, but the health sector, as a whole.

To find out more about Suit Up! for Science! follow this link or email us.