

World Health Organisation (WHO) visits us

Emergent drug resistant, especially multi-drug and rifampicin resistant tuberculosis threatens the health security of the Western Pacific region.

In 2017, there were an estimated 114,000 incident cases of multi-drug and rifampicin resistant tuberculosis in the region, and less than 25 per cent received adequate treatment.

We were delighted to have had representatives from the World Health Organisation (WHO) and the regional Green Light Committee (rGLC), joining with Centenary's NHMRC Tuberculosis Centre of



Research Excellence (TB CRE) to host a three-day training program.

The Western Pacific Regional Office of WHO's End TB unit and rGLC are expanding their pool of consultants providing countries with technical

assistance on the programmatic management of drug-resistant tuberculosis.

Featuring world-leading experts in the field of tuberculosis control and management, the training program was held at Centenary to develop a suitably skilled pool of regional consultants sufficient to serve the Western Pacific Region.

Tuberculosis occurs in every part of the world, including 1,400 cases a year here in Australia.

Pictured: Prof Mathew Vadas AO, Executive Director of Centenary; Medical Officer Kefas Samson of the WHO Global TB Programme, Geneva; and Dr Richard Stapledon Chair of the rGLC, WHO Western Pacific Region.

Celebrating International Day of Immunology

In collaboration with the Australia and New Zealand Society for Immunology, Centenary hosted a public forum to recognise International Day of Immunology.

Titled 'Asthma - all there is to know', guests heard from an expert panel featuring research, clinical and patient perspectives, followed by a conversation around the impact of asthma on individuals, families and the community.



Centre for Inflammation Director recognised

Professor Phil Hansbro, Deputy Director at Centenary and Director of the Centenary UTS Centre for Inflammation, has been recognised for outstanding contributions to the advancement of knowledge in respiratory medicine and science.

On accepting the Research Medal from the Thoracic Society of Australia and New Zealand, Professor Hansbro



said "It is a huge honour to receive this award. It means so much to me coming from this society. We have amongst us the best respiratory researchers in Australia and indeed the world. I attend the major respiratory conferences around the world and the quality and importance of the work that Australian researchers do is as good as anywhere, and we certainly punch way way above our weight in Australia."

Our donors and supporters are behind every breakthrough at Centenary

For the full stories of the articles in this News Update visit www.centenary.org.au.

If you are interested in making a donation to a specific area of our research, taking part in or holding a community fundraising event or having a tour of Centenary, please contact us on **1800 677 977** or email us at donations@centenary.org.au

Thank you for your ongoing support!

HOW TO GET INVOLVED

Save the date

The annual Centenary Institute Foundation Dinner will be held on Thursday, 24th October, 2019 at the Art Gallery of New South Wales.

We hope our donors and supporters will be able to join us for an evening in support of our ground-breaking research. Seated amongst some of the most inspiring art collections in the world, guests will enjoy canapes and dinner by Matt Moran's Chiswick at the Gallery complemented by premium wines. You will hear from Centenary scientists as they share their latest discoveries and life saving research with you.

For further information and to register your interest please email us at events@centenary.org.au.



Join Team Centenary in this year's City2Surf

If you are up for a challenge, please take on the challenge of the annual City2Surf, tackling the infamous 'Heartbreak Hill' and raising vital funds in support of Centenary's scientists.



The 2019 City2Surf is being held on Sunday, 11th of August. Registrations are now open. Please consider joining Team Centenary - it's a great day out for a great cause. For further information please contact events@centenary.org.au.

HUMANS OF MEDICAL RESEARCH



Dr Elinor Hortle

Dr Elinor Hortle has a big task on her hands. She's among a league of scientists determined to eliminate the world's deadliest infectious disease.

In 2016, 10.4 million people were diagnosed with tuberculosis globally, and 1.7 million people died as a result. While Australia is considered a low-risk country, Elinor says that's all the more reason we should use our privilege to stamp out this killer disease.

Elinor started at Centenary in 2017 and is currently working with zebrafish to try to discover new ways to treat tuberculosis.

There is every chance Elinor could have been working at the United Nations instead of Centenary. During her time as an undergraduate, she completed a double degree in International Politics and Molecular Biology. Later in her degree, she had the opportunity to intern in a laboratory and says she "enjoyed the daily vibe". Luckily for Centenary, it was that experience which launched her life of scientific research.

"I enjoy working somewhere where there's a lot of longevity – many researchers are here for 15 years or longer. It's also nice to see a place where people have worked with each other for a significant length of time," says Elinor.

Outside the lab, Elinor enjoys bouldering – a pastime slightly different from traditional rock-climbing in that the climbs are shorter and no ropes are required. Elinor first tried bouldering while on exchange at a university in the United States about 10 years ago, and since then, she hasn't looked back.

"Bouldering is how I met my husband! I like feeling fit, but a good half of the difficulty of bouldering is that it's cerebral – it's like a puzzle you have to figure out."

Elinor is also a musical talent, having joined her first band at the age of 14. She currently sings in her church band.

Learn more about our Humans of Medical Research www.centenary.org.au/meet-us.