



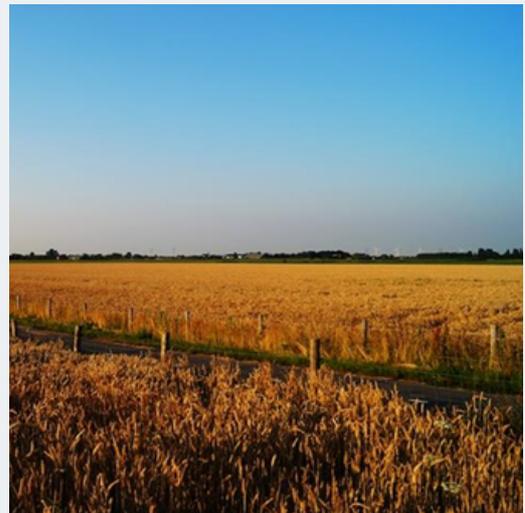
LIFE SCIENCES WA

Issue 13 brings you the latest news in the agriculture, aquaculture and health sectors. Read on to find out about a new agricultural collaboration aiming to boost research and development in WA, a life saving Australian discovery, and the latest announcements for AusBiotech 2022.

New agricultural collaboration a boost for research and development in WA

The University of Western Australia will partner in a new agricultural science collaboration designed to reinvigorate Western Australia's agricultural research and development capabilities.

The newly-launched WA Agricultural Research Collaboration (the Collaboration) brings together leading researchers from UWA, the Department of Primary Industries and Regional Development, Australia's national science agency CSIRO, Curtin University, Edith Cowan University and Murdoch University.



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2022 Student Volunteer Program Applications are open

The AusBiotech 2022 Student Volunteer Programme provides students across Australia, including regional and remote areas, a valuable opportunity to participate, learn, exchange and engage in the AusBiotech 2022 programme.

Successful applicants will receive:

- Complimentary student registration to attend AusBiotech 2022;
- An AusBiotech membership for the 2023 year.

Applications close on 2 September 2022.



[Apply Now](#)

Hopes of bridging WA biomedical industry's 'valley of death' as new round of incubator funding opens

Major players in WA's nascent biomedical industry hope an emerging start-up incubator program can help to bridge the sector's so-called "valley of death" between research and commercialisation.

Medical professionals report difficulty being able to bring projects to a stage to make them attractive to investors without difficult to find significant capital expenditure.

Pictured: Brandon Capital investment analyst Helga Mikkelsen. Credit: Andrew Ritchie/The West Australian



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Water under Antarctica sounds warning of faster rising sea levels

Researchers from The University of Western Australia have found that groundwater deep beneath Antarctica could destabilise the continent's ice sheet causing sea levels to rise faster.

The study, which was based on machine learning applied to geophysical data collected over many years, has significant implications for forecasts of the impact of climate change on the Antarctic ice sheet and sea level change..



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Life-saving Australian discovery helps combat antibiotic resistance

Researchers have found a new method that can detect the presence of a bacterial infection and determine which antibiotics would be most effective for treatment in less than five hours, instead of days.

A team from the Harry Perkins Institute of Medical Research, The University of Western Australia and PathWest Laboratory Medicine WA including Perth renal physician, Dr Aron Chakera and UWA Forrest Prospect Fellow, Dr Kieran Mulroney, developed the faster, more effective process to confirm infections and find the most effective treatment.

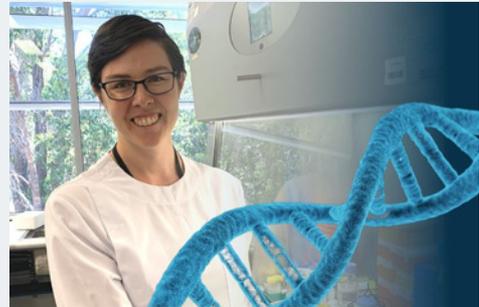


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ALS and dementia treatments take crucial step forward

Neurodegenerative diseases such as ALS and dementia are cruel and debilitating, but there is hope for sufferers thanks to the work of passionate researchers such as Murdoch University geneticist Dr Sarah Rea.

Dr Rea, who leads Functional Genomics at Murdoch's Centre for Molecular Medicine and Innovative Therapeutics and the Perron Institute for Neurological and Translational Science, was recently awarded \$100,000 by the State government to progress a vital project that could result in ground-breaking treatment for amyotrophic lateral sclerosis (ALS) and frontotemporal lobar degeneration (FTD), a type of dementia.



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2022 Early-Stage Investment Forum - Applications are open

Are you developing an early-stage technology and looking to take the next step to commercialise your product? Submit your expressions of interest now for AusBiotech 2022's Early-Stage Investment Forum.

Submissions received **before 31 August** will be reviewed by the appointed Advisory Group and applicants will be contacted with further information once the evaluation process is complete on or **before 30 September 2022**.



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AusBiotech 2022 - Registrations are now open

Join us in-person for Australia's largest life sciences conference at the Perth Convention and Exhibition Centre.

AusBiotech 2022 is a must-attend event as we come alive in person for the first time in three years. Join us as we gather with colleagues, old and new, for a week of networking and business opportunities. Championing our sector, AusBiotech 2022 is set to deliver an exciting line-up of speakers, programme sessions, and networking opportunities as we celebrate the return of meeting face-to-face.

Early bird registration ends 26 August 2022.



Register

WA MTP Sector Spotlight Series featuring Osteopore International - 31st August 2022

MTPConnect's monthly breakfast series is an opportunity for representatives from across the MTP sector to connect, collaborate and learn about upcoming opportunities, and hear the stories and successes of WA organisations developing health and medical innovations. Join the discussion over a light breakfast in the last week of each month at the Harry Perkins Institute of Medical Research.

Osteopore (ASX:OSX) is a Singapore medical device manufacturer that adopted 3D printing technology to manufacture bioresorbable scaffolds for bone regeneration. The company's bioresorbable polymer implants can be applied for neurosurgical, orthopedic, and maxillofacial use.



Register

Ready to take a leap into your next role?

The job vacancy page on our Life Sciences WA website is full of opportunities in the Agriculture, Aquaculture and Health sectors.

We have jobs for:

- Graduate Marine/Coastal Engineers
- Research Scientists, Assistants and Associates
- Clinical Research Associates
- Field Biologists
- Biodiversity Officers and loads more!



[Vacancies Page](#)