BioSpectrum
the business of Bio & Health Sciences
ASIA EDITION

South Australian Government takes new initiatives to develop biomanufacturing sector

February 22, 2023 | News

Initiative signals greater university-industry collaboration



Biomanufacturing sector will be given a boost by the South Australian Government's announcement of new initiatives to train and develop the next generation of researchers in this field. This will support the connections that the University of Adelaide already has with industry partners.

A new industry-linked initiative has been announced that is part of the government's Industry Doctoral Training Centre (IDTC) initiative, which brings together the State's universities with a range of industry partners.

Biomanufacturing is a type of manufacturing or biotechnology that utilises biological systems to produce commercially important biomaterials and biomolecules for use in medicines , food and beverage processing, and industrial applications. Adelaide company BioCina is spearheading development of the next generation of vaccines.

"The University of Adelaide is collaborating with BioCina on new mRNA vaccine manufacture, and the development of vaccines that do not require ultra-cold storage and transportation," said the University of Adelaide's Professor Robert Falconer who is Professor in BioProcess Engineering.

PhD students will be part of a cohort working on projects co-designed with the university's partners, offering mutual support and peer-to-peer learning. They will have the opportunity to develop skills that will set them on an upward career trajectory including access to a wide range of opportunities alongside specific doctoral training to develop contacts at the same times as understanding business and industry imperatives. PhD researchers will begin training under the new initiative this year.