

# 2021 | VIRTUAL SEMINAR SERIES

## BET Inhibition Blocks Inflammation-Induced Cardiac Dysfunction and SARS-CoV-2 Infection



### Associate Professor James Hudson

Group Leader of the Cardiac Bioengineering Lab at QIMR Berghofer



#### SHORT BIO

Associate Professor James Hudson is a Group Leader of the Cardiac Bioengineering Lab at QIMR Berghofer. A/Professor Hudson completed a Bachelor of Chemical and Biological Engineering (2006) followed by a PhD in Biotechnology (2011) at the University of Queensland. He then completed a postdoc with Professor Wolfram-Hubertus Zimmermann in Goettingen, Germany.

A/Professor James returned to Australia and became a group leader in 2014. His lab focusses on postnatal cardiac development and maturation. They have brought together engineering and cell biology disciplines to develop human cardiac organoid screening platforms and determine the molecular drivers of cardiac maturation.

Drug discovery for heart failure is also a major focus of his lab and includes not only screening but in depth characterisation to determine mechanisms of action, including identification of bromodomain extraterminal inhibitors to prevent cardiac dysfunction in COVID-19 patients published in Cell. A/Professor James is an inaugural recipient of the prestigious Snow Medical Fellowship (2021) and has won The Metcalf Prize for stem cell research (2019).



#### DATE

27<sup>th</sup> May, 2021



#### TIME

12pm – 1pm



#### LOCATION

<https://monash.zoom.us/j/81350056326?pwd=MXhvOEdCRDAvWUVtdEtlZGZtcDcxdz09>

Or

<https://monash.zoom.us/join> and enter meeting ID: 813 5005 6326 and passcode: 769286