



HARRY PERKINS INSTITUTE  
OF MEDICAL RESEARCH



## PERKINS Seminar Series

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THURSDAY 21 JUNE



### Dr Haibo Jiang

DECRA Fellow, School of Molecular Sciences  
Centre for Microscopy, Characterisation and Analysis  
University of Western Australia

**"Lipid transport in cardiovascular diseases: insights from direct visualisation and quantification"**

Dr Jiang a DECRA Fellow at School of Molecular Sciences and Centre for Microscopy, Characterisation and Analysis of University of Western Australia. Before his relocation to Australia, he was a DPhil student (2010-2014) and a postdoctoral research fellow

(2014-2015) at University of Oxford. Dr Jiang's research efforts have focused largely on the development of multiscale and multimodal bioimaging methodologies to visualise and quantify small molecules at subcellular scale. He is applying these bioimaging methodology to study disease mechanisms with particular interests in lipid metabolism in cardiovascular diseases. Dr Jiang's recent works includes (1) the development of a new way to visualise a metabolically active cholesterol pool on the plasma membrane and (2) the study on how lipids transport through capillary endothelial cells. Supported by his DECRA, Dr Jiang is going to further investigate a few dogmas surrounding lipid transporters on capillaries. Dr Jiang also has a strong track record of initiating and maintaining cross-discipline and cross-institution collaborations, working closely with world-leading scientists in USA, UK and China. He has been actively engaging with industry partners in the pharmaceutical industry and the consumer goods sector.

12:00noon till 1:00pm

Followed by a light lunch

For more information, please contact Juliana Hamzah

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**MCCUSKER AUDITORIUM, HARRY PERKINS INSTITUTE OF MEDICAL RESEARCH, NORTH CAMPUS**

Aberdare Rd

Your Guide to the



HARRY PERKINS INSTITUTE OF MEDICAL RESEARCH

A

B

C

D

E

F

1

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Goldsway St

Weslun St

Kingsdon St

Hospital Ave

Winthrop Ave



To Stirling Hwy