



HARRY PERKINS INSTITUTE
OF MEDICAL RESEARCH



PERKINS Seminar Series

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WEDNESDAY 27 APRIL



Professor Alicia Jenkins

Diabetes and Vascular Medicine
NHMRC Clinical Trials Centre, University of Sydney

"Diabetes – A Global Approach"

Alicia Jenkins is an endocrinologist with clinical and research interests in diabetes and its complications, including the use of technology in diabetes care, such as insulin pumps and telehealth. She trained at the University of Melbourne, in the UK, Ireland and USA. She is currently a Professor of Diabetes and Vascular Medicine at the NHMRC Clinical Trials Centre, The University of Sydney. She also provides Type 1 diabetes patient care at St. Vincent's Health, Melbourne. With over 25 years of research experience she leads clinical and basic science research exploring diabetes and its complications, beta cell biology, biomarkers, and trials, including the FIELD, REMOVAL and FAME-1 trials. Alicia has over 280 publications (including two textbooks), with over 6000 citations and an H-index of 43. She is on several editorial boards. Alicia was on the Australian Diabetes Society Council for 8-years, and is on the International Diabetes Federation (IDF) Western Pacific Executive Council, and Boards of two charities (Insulin For Life and the IDF Life For a Child Program) which provide diabetes support to people in disadvantaged regions. She is an advocate for equitable access to diabetes care.

There is a global epidemic of both Type 1 and Type 2 diabetes. The personal and economic burdens are enormous, particularly if the chronic vascular complications of diabetes develop. Both traditional and novel clinical, biochemical and molecular markers may assist in the prediction of long-term diabetes outcomes, the stratification of treatments to those who may benefit most, and the development of novel therapeutics. Dr Jenkins's team has a wide range of biomarkers related to diabetes and its complications, and are leading trials related to both drug and device related interventions in both Type 1 and Type 2 diabetes. Studies include the REMOVAL Study of metformin in Type 1 diabetes, the FAME-1 Eye Trial of fenofibrate and Type 1 diabetes and insulin pump related studies in Type 1 diabetes. The team has also identified cell signalling pathways related to the mechanisms of fenofibrate's protection of ocular and peripheral vascular damage in diabetes. As by 2030 over 80% of the world's people with diabetes will be in disadvantaged regions Alicia's team is also involved in health care delivery studies and aid organisations of relevance to low resource and remote regions, including telehealth related initiatives in the Northern Territory.

4:30pm till 5:30pm

SEMINAR ROOM 272, LEVEL 2, HARRY PERKINS INSTITUTE OF MEDICAL RESEARCH, NORTH CAMPUS

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Aberdare Rd

To Perth

A

Your Guide to the



HARRY PERKINS INSTITUTE OF MEDICAL RESEARCH

B

C

D

E

F

Campsie St

Verdun St

Kingston St

Garlands Dr

Hospital Ave

Winthrop Ave

Kings Park

Child Care
Under Construction

Under Construction

Lions Eye Inst

Under Construction

Staff Car Park 4

HARRY PERKINS INSTITUTE

PathWest

Main Entrance & Admissions

EMERGENCY

Multi Deck Car Park Phase 2

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Staff Car Park 6

Under Construction (New Children's Hospital)

Hollywood Private Hospital

Visitor Car Park 3A

Car Park 7B

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Staff Car Park 7A

Visitor Car Park 7 8.00am - 4.00pm

ZZ

UWA Car Park

To Stirling Hwy



Caladonia Cres

Caladonia Cres

Hampden Rd

Monash Ave

X

Emergency Helipad

Visitor Car Park 1

Visitor and Staff Multi Deck Car Park (Entry off Winthrop Ave Only)

To Harry Perkins

Main

Main Entrance

Main

Main

Main

Main

Main

Waiting Walk

E Street

G Street

Monash Ave

