

DIABETES AND METABOLISM SEMINAR SERIES

Annual Symposium: *Immunometabolism and Metabolic Disease*

Thursday, April 29, 2021

Via Zoom

Registration <https://redcap.link/tra09glx>

Organizers: Rebecca Hull and Jenny Kanter

8:25–8:30 *Introductory Remarks and Overview*

Session I – Chair: TBD

8:30–9:15



Luke O'Neill, PhD, Professor, Chair of Biochemistry, Trinity College Dublin, Ireland
Krebs Cycle Reborn for Cytokines

9:15–10:00



Brian MacVicar, PhD, Professor of Psychiatry, University of British Columbia, Vancouver, Canada
Impact of Immunometabolism and Metabolic Flexibility on Microglia Function in the Brain

10:00–10:15 Coffee Break

10:15–11:00



Alison Kohan, PhD, Associate Professor of Medicine, University of Pittsburgh
Treg Triglyceride Metabolism: If It's Good for the Gut, Is It Good for the Heart?

11:00–11:40



Daniel Campbell, PhD, Member, Benaroya Research Institute
Molecular Control of Regulatory T Cell Function in Diabetes

11:40–1:15 Lunch and trainee discussions

Session II – Chair: TBD

1:15–2:00



Lev Becker, PhD, Associate Professor of Ben May Department of Cancer Research Committee on Cancer Biology, Committee on Molecular Metabolism and Nutrition, University of Chicago
Metabolic-Epigenetic Regulation of Immune Cell Function through Histone Lactylation

2:00–2:45



C. Bruce Verchere, PhD, Professor of Pathology & Laboratory Medicine and Surgery, University of British Columbia, Vancouver, Canada
Islet Macrophages in Diabetes: Regulators of Islet Inflammation and Regeneration

DIABETES AND METABOLISM SEMINAR SERIES

2:45–3:00 Break

3:00–3:40



Karin Bornfeldt, PhD, Professor of Medicine and Pathology,
University of Washington
*Macrophage Immunometabolism in Diabetes-Accelerated
Atherosclerosis*

3:40–4:20



Kevin O'Brien, MD, NAD, Professor of Medicine, University of
Washington
Tentative: Boosting NAD Levels in Heart Failure

*The Diabetes Research Center gratefully acknowledges the generous support of
THE GEORGE & MARGARET ZIVELONGHI FOUNDATION
GRAND CHAPTER OF WASHINGTON ORDER OF THE EASTERN STAR*

*To request disability accommodation contact the Disability Services Office at least ten days in advance
at: (206) 543-6450/V, (206) 543-6452/TTY, (206) 543-7264/FAX or dso@u.washington.edu*

UW Medicine
DIABETES INSTITUTE



Diabetes Research Center
UNIVERSITY of WASHINGTON

UW Medicine
UW SCHOOL
OF MEDICINE
NUTRITION OBESITY
RESEARCH CENTER