

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

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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
The Slow Burn: Modulating Inflammation in Heart Failure

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