Annual Symposium: *Immunometabolism and Metabolic Disease*

*Thursday, April 29, 2021*

*Via Zoom*

Registration [https://redcap.link/tra09glx](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*
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

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