Diabetes and Metabolism Seminar Series

University of Washington

Targeted Mass Spectrometry Assays for Diabetes and Obesity Research (TaMADOR)

May 6, 2024, 8:30AM-3:30PM

UW Medicine at South Lake Union, Brotman Auditorium (D Bldg), 850 Republican St. Seattle 98109

Register here: https://diabetesmetabseminars.com/

8:00-8:30am	Breakfast in lobby
8:30-8:45am	**Salvatore Sechi, Ph.D.**, NIDDK/NIH *History and purpose of TaMADOR*
8:45-9:20am	**Des Schatz, M.D.**, University of Florida *Clinical Trials and Biomarkers*
9:20-9:55am	**Cate Speake, Ph.D.**, Benaroya Research Institute *Biomarkers in Type 1 Diabetes Research*
9:55-10:20am	**Jenny Van Eyk, Ph.D.,** Cedars-Sinai (Virtual) *Assessment of obesity and diabetes as co-morbidities in precision health*
10:20-10:30am	Coffee Break in lobby
10:30-10:55am	**Andy Hoofnagle, MD PhD,** University of Washington *The TaMADOR Consortium: Interlaboratory transfer of a combined antibody-free insulin/C-peptide assay*
10:55-11:20am	**Jessica Becker, MLS(ASCP), MS**, University of Washington *Preparing for the interlaboratory transfer of a novel assay to measure glucagon and oxyntomodulin*
11:20-11:45pm	**Weijun Qian, Ph.D.,** PNNL *LC-MS assays for specific prohormone proteoforms (insulin and IAPP) relevant to type 1 diabetes*
11:45-12:10pm	**Sara Shijo,** University of Washington *Progress toward a proteolysis-peptide immunoaffinity enrichment-LC-MS/MS assay for proinsulin*
12:10-1:00pm	Lunch in lobby
1:00-1:35pm	**David Sacks, MB ChB**, NIH Clinical Center *Hemoglobin A1c as a Clinical Biomarker*
1:35-2:10pm	**Irl Hirsch, M.D.**, University of Washington *Past, Present, and Future of T1D Biomarkers*
2:10-2:35pm	**Tai-Du Lin, Ph.D.,** PNNL *LC-MS assays for obesity biomarkers*
2:35-3:00pm	**Michael MacCoss, Ph.D.,** University of Washington *Using Mass Spectrometry for Monitoring Patient Response to Therapy*
3:00-3:30pm	**Weijun Qian, Ph.D.,** PNNL and **Jun Qu, Ph.D.,** University of Buffalo *Top-down proteomics for elucidating cellular prohormone proteoforms and novel analytical approaches for enhancing sensitivity*

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Diabetes Research Center UNIVERSITY of WASHINGTON

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