

Lipids@Wayne Symposium

In Tribute to Professor Kenneth V. Honn

Date: November 8, 2023

Venue: A. Paul Schaap Lecture Hall, Chemistry Building, Wayne State University

Summary of schedule

9:00 AM: Registration and Poster setup

9:15 AM: Inaugural session (Moderated by Krishna Rao Maddipati)

Lipids@Wayne Welcome: Christopher Kelly, Ph.D., Department of Physics and Astronomy.

Opening remarks by: Timothy Stemmler, Ph.D. (VP for Research) and Wael Sakr, M.D. (Dean, School of Medicine)

9:30 AM – 12:00 Noon: Morning Session

Moderator: Krishna Rao Maddipati, Ph.D., Professor and Director of Lipidomics Core Facility, Department of Pathology, Wayne State University)

9:30 – 10:00 AM:

Lawrence J. Marnett, Ph.D., University Distinguished Professor, Vanderbilt University School of Medicine, Nashville, TN

The Structural Biology of Cyclooxygenase-2 Inhibition and Imaging

10:00 – 10:30 AM:

Darryl C. Zeldin, M.D., Scientific Director, NIEHS/NIH, Research Triangle Park, NC

Attenuation of the COVID-19 Eicosanoid Storm by Soluble Epoxide Hydrolase Inhibitors

10:30 – 11:00 AM:

Edward A. Dennis, Ph.D., Distinguished Professor of Chemistry & Biochemistry, University of California at San Diego, San Diego CA

Novel Lipidomics Platform to Determine Phospholipase A₂ Specificity and PUFA-Derived Mediators in Macrophages

11:00 – 11:30 AM:

Miriam L. Greenberg, Ph.D., Professor of Biological Sciences, Wayne State University, Detroit, MI

Cardiolipin at the epicenter of energy metabolism – Implications for Barth syndrome

11:30 AM – 12:00 Noon:

Gabor J. Tigy, M.D., Ph.D., Harriet Van Vleet Professor of Physiology & Chemistry, University of Tennessee Health Science Center, Memphis, TN

LPA in cancer: The stem cell, the microenvironment, and tumor immunity

12:00 Noon – 2:00 PM: Lunch and Poster viewing

2:00 – 4:00 PM: Afternoon Session

Moderator: Lawrence J. Marnett, Ph.D., (University Distinguished Professor, Vanderbilt University School of Medicine, Nashville, TN)

2:00 – 2:30 PM:

Charles N. Serhan, Ph.D., D.Sc., Simon Gelman Professor of Anaesthesia (Biochemistry and Molecular Pharmacology), Harvard University, Boston, MA

Pro-Resolving Mediators in the Resolution of Inflammation are Leukocyte Traffic Controllers

2:30 – 3:00 PM:

Dipak Panigrahy, M.D., Assistant Professor of Pathology, Harvard University, Boston, MA

SPMs in cancer: promoting innate and adaptive anti-tumor immunity

3:00 – 3:30 PM:

Megan L. Falsetta, Ph.D., Assistant Professor of Obstetrics & Gynecology, University of Rochester Medical Center, Rochester, NY

Revisiting Vulvar Vestibulitis: Inflammation, Lipid Dysbiosis, and Chronic Vulvar Pain

3:30 – 4:00 PM:

David G. Menter, Ph.D., Assistant Professor of Gastrointestinal Medical Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX

Platelets, prostaglandins, and tumor-immune interactions

4:00 – 4:10 PM: Poster awards and closing remarks.

4:10 – 5:00 PM: Reception reminiscing Ken's legacy with short notes from friends, colleagues, and former students.