

April 26-27, 2018

THE HILTON CHICAGO MAGNIFICENT MILE SUITES
CHICAGO, IL



Thursday, April 26

- 6:30 am – 7:00 pm Registration DeskPre-function
- 7:00 am – 11:00 am **AFMR National Council Meeting** **Wheaton**
- 10:30 am – 3:00 pm **CSCTR Council Meeting**..... **New Town**
- 1:00 – 3:00 pm *Poster Session A Mount*.....*Pre/Lincoln Park*
- 1:00 – 3:00 pm **MWAFMR Career Development Workshop**..... **Lakeshore**
Moderator: Dawn Belt Davis, MD, PhD, University of Wisconsin - Madison
- 1:00 – 2:00 Women's Road to Leadership in Medicine
Catherine D. DeAngelis, MD, MPH, Johns Hopkins University School of Medicine
- 2:00 – 3:00 Publishing Tips from a Journal Editor
Michael J. McPhaul, MD, Quest Diagnostics Nichols Institute, CA
- 3:15 – 3:30 pm **CSCTR-MWAFMR Welcome** **Lakeshore**
Moderators: Dawn Belt Davis, MD, PhD, University of Wisconsin – Madison; Abraham Thomas, MD, MPH, University of Massachusetts Medical School
- 3:30 – 4:15 pm **MWAFMR Award Presentations** **Lakeshore**
Moderator: Dawn Belt Davis, MD, PhD, University of Wisconsin – Madison
- AFMR Junior Physician Investigator Awardee**
- C12: REGULATION OF IL33 NUCLEOKINE FUNCTION IN COPD**
Jennifer Alexander-Brett, MD, PhD, Washington University School of Medicine
- AFMR Henry Christian Awardee**
- MANAGEMENT AND COMPLICATIONS OF GCK-MODY IN PREGNANCY IN WOMEN ENROLLED IN THE US MONOGENIC DIABETES REGISTRY
Laura Thomason Dickens, MD, The University of Chicago Medical Center
- MWAFMR Scholars**
- A14: TIMING DIFFERENCES IN DIAGNOSIS BETWEEN SOFA, QSOFA, AND SIRS CRITERIA IN A LARGE ICU COHORT**
John P. Willoughby, MD, University of Illinois at Chicago
- A20: EVIDENCE OF HEPATOTOXICITY FOLLOWING CHRONIC LOW DOSE EXPOSURE TO MICROCYSTIN-LR IN A MURINE MODEL OF NON-ALCOHOLIC FATTY LIVER DISEASE**
Apurva C. Lad, PhD Candidate, University of Toledo
- A25: CARDIOTONIC STEROID SIGNALING THROUGH NA/K-ATPASE-A-1 AND SRC KINASE ENHANCE FUNCTIONAL INTERACTIONS BETWEEN IMMUNE CELLS AND ENDO/EPITHELIAL CELLS**
Fatimah K. Khalaf, PhD, University of Toledo

A30: ELUCIDATING THE ROLE OF PHOSPHOLIPASE D IN IDIOPATHIC PULMONARY FIBROSIS AND HOW IT MEDIATES EPITHELIAL INJURY AND APOPTOSIS

Vidyani Suryadevara, PhD, University of Illinois at Chicago

4:15 – 5:00 pm

New Investigator Session Lakeshore

Moderator: Abraham Thomas, MD, MPH, University of Massachusetts Medical School

Outstanding Young Investigator

FIBROBLAST GROWTH FACTOR 2 DECREASES BLEOMYCIN-INDUCED PULMONARY FIBROSIS THROUGH INHIBITION OF FIBROBLAST COLLAGEN PRODUCTION

Robert D. Guzy, MD, PhD, University of Chicago

ECDA Recipient

TOOLS TO INCREASE PHYSICAL ACTIVITY AMONG MINORITY WOMEN WITH ASTHMA

Sharmilee M. Nyenhuis, MD, University of Illinois at Chicago

ECDA Recipient

SYNAPTIC MECHANISMS OF NEUROPSYCHOLOGICAL IMPAIRMENT IN TRAUMATIC BRAIN INJURY

Andrew D. Sauerbeck, PhD, Washington University School of Medicine

5:00 – 6:30 pm

Poster Session A & Opening Reception Pre/Lincoln Park

6:30 – 7:00

Poster Session A StrikeLincoln Park

6:30 – 8:00 pm

Cardiology/Pulmonary Club..... Wheaton

Moderator: Steven Dudek, MD, University Illinois at Chicago

Understanding Pulmonary Complications of Sickle Cell Disease: A Precision Medicine Approach

Roberto F. Machado, MD, Chief of Pulmonary, Indiana University

6:30 – 8:00 pm

58th Annual Max Miller Lecture in Diabetes Research..... Lakeshore

Moderator: Terry G. Unterman, MD, University of Illinois at Chicago VA West Side Medical Center

6:30 – 6:50

Biomarkers of Beta Cell Stress in Type 1 Diabetes

Emily K Sims, MD, Professor, Indiana University School of Medicine, Indianapolis, IN

6:50 – 7:10

Exploiting Cellular Bioenergetics as an In Vivo Strategy Targeting Diabetes-induced Inflammation

Jacob Haus, PhD, Associate Professor, School of Kinesiology, University of Michigan, Ann Arbor, MI

7:10 – 8:00

Max Miller Lecture ~ Metabolic Changes in Fatty Liver Regression

Elizabeth J. Parks, PhD, Professor, Maxine Seabaugh Schade Scholar, School University of Missouri, Columbia, MO

Friday, April 27

6:30 am – 3:30 pm

Registration DeskPre-function

7:00 – 8:00 am

Mentor Breakfast Avenue Café

• Sticking up for yourself: Communication and negotiation

Suthat Liangpunsakul, MD, MPH, Professor of Medicine; Attaya Suvannasankha, MD, Assistant Professor of Clinical Medicine, Indiana University School of Medicine

• Becoming an independent investigator: How do I separate myself from my mentor(s) and start my own laboratory?

Timothy B. Niewold, MD, Judith and Stewart Colton Professor of Medicine and Pathology and Director, Colton Center for Autoimmunity, New York University

• Navigating authorship: Tips from behind the scenes of a journal

Jeffrey Laurence, MD, Professor of Medicine, Weill Cornell Medical College

- **Funding your research: Writing successful grant applications**
Joshua A. Englert, MD, Assistant Professor of Internal Medicine, The Ohio State University Wexner Medical Center
- **Setting priorities: When to say yes and how to say no**
Debra Romberger, MD, Department Chair Internal Medicine, University of Nebraska Medical Center
- **Leadership qualities in translational research**
Francis Charles Brunicaardi, MD, Chair of Surgery, University of Toledo Medical Center
- **The balancing act for women in medicine and science**
Dawn Belt Davis, MD, PhD, Associate Professor, University of Wisconsin - Madison

7:00 – 8:00 am	New! CSCTR Membership Application Processing Avenue Café <i>Abraham Thomas, MD, MPH, CSCTR President</i> Apply online, bring your current CV and a support letter from your institution and Dr. Thomas will review for approval on the spot. Upon approval, your name will be listed as a new member during the 9:15 am Business Meeting.
<i>8:00 – 10:00 am</i>	<i>Poster Session B Mount</i> <i>Lincoln Park</i>
8:15 – 9:15 am	AFMR Keynote Presentation Lakeshore <i>Moderator: Dawn Belt Davis, MD, PhD, University of Wisconsin – Madison</i> Troponin Measurement in the Critically Ill <i>Florence Rothenberg, MS, MD, FACC, University of Cincinnati Veterans Administration Medical Center, Cincinnati, OH</i>
9:15 – 9:30 am	CSCTR Annual Business Meeting Lakeshore <i>President: Abraham Thomas, MD, MPH, University of Massachusetts Medical School; Treasurer: Debra Romberger, MD, University of Nebraska Medical Center</i>
9:30 – 10:30 am	Department Chair Session I Lakeshore <i>Chair: Mark Gladwin, MD, University of Pittsburgh</i> <ul style="list-style-type: none"> • <i>Mehret Birru-Talabi, MD, PhD, Assistant Professor of Medicine – Rheumatology/Clinical Immunology</i> • <i>Jessica Merlin, MD, PhD, MBA, Visiting Associate Professor of Medicine – Infectious Diseases</i> • <i>Jason Rose, MD, MBA, Assistant Professor of Medicine – Pulmonary, Allergy, Critical Care Medicine</i>
10:30 – 11:30 am	Department Chair Session II Lakeshore <i>Chair: Douglas E. Vaughan, MD, Northwestern University</i> <ul style="list-style-type: none"> • <i>Panagiotis Flevaris, MD, PhD, Instructor of Medicine – Cardiology</i> • <i>Jennie Lin, MD, MTR, Assistant Professor of Medicine – Nephrology and Hypertension</i> • <i>Benjamin D. Singer, MD, Assistant Professor of Medicine – Pulmonary, Critical Care, Biochemistry, Molecular Genetics</i>
11:30 am – 1:00 pm	Poster Session B & Lunch Pre/Lincoln Park
11:30 am – 1:00 pm	Annual Translational Research Editorial Meeting New Town
<i>1:00 – 1:30 pm</i>	<i>Poster Session B Strike</i> <i>Lincoln Park</i>
1:15 – 2:15 pm	CSCTR John B. Hickam Endowed Lecture Lakeshore <i>Moderator: Timothy B. Niewold, MD, New York University</i> Fitting Medicine into the Lives of People <i>Jerry A. Krishnan, MD, PhD, University of Illinois at Chicago</i>
<i>1:30 – 3:30 pm</i>	<i>Poster Session C Mount</i> <i>Lincoln Park</i>
2:15 – 3:00 pm	New! Research Innovations Lakeshore <i>Moderators: Dawn Belt Davis, MD, PhD, University of Wisconsin – Madison; Abraham Thomas, MD, MPH, University of Massachusetts Medical School</i> Precision Targeted Therapy for Pancreatic Cancer <i>Francis Charles Brunicaardi, MD, Chair of Surgery, University of Toledo Medical Center</i>

- 3:00 – 3:15 pm** **Translational Research Featured New Investigator** **Lakeshore**
Moderator: Jeffrey Laurence, MD, Weill Cornell Medical College
 Molecular Imaging of the Kidney in Lupus Nephritis to Characterize Response to Treatment
Samir V. Parikh, MD, FACP, FASN, The Ohio State University Medical Center
- 3:30 – 4:30 pm** **Oral Abstract Session I.....** **Lakeshore**
Moderator: David J. Kennedy, PhD, The University of Toledo
B02: INTERVENTIONS TO REDUCE SEDENTARY BEHAVIOR AT WORK
Jacquelyn Kulinski, MD, Medical College of Wisconsin
B03: ACUTE DECOMPENSATED HEART FAILURE SECONDARY TO METASTATIC OROPHARYNGEAL SQUAMOUS CELL CARCINOMA
Lucas Gu, DO, St. Louis University Hospital
B04: THE EFFECT OF E-CIGARETTE VAPING ON CARDIAC FUNCTION IN MICE
Huilin Shi, University of Toledo College of Medicine
- 3:30 – 4:30 pm** **Oral Abstract Session II.....** **Wheaton**
Moderator: Mohammad N. Uddin, PhD, FAHA, Orion Institute for Translational Medicine and Texas A&M University College of Medicine
B05: THE ROLE OF ADIPOSE MECHANISTIC TARGET OF RAPAMYCIN COMPLEX 2LONGEVITY AND THE RESPONSE TO CALORIE RESTRICTION
Deyang Yu, University of Wisconsin – Madison
B07: RADIATION IMPAIRS AFFERENT ARTERIOLAR ENDOTHELIAL FUNCTIONS IN MALE AND FEMALE RATS
Md Abdul Hye Khan, PhD, Medical College of Wisconsin
B08: ARSENIC DISTURBS PROSTATE STEM-PROGENITOR HOMEOSTASIS BY ACTIVATION OF NRF2 PATHWAY
Lishi Xie, PhD, University of Illinois at Chicago
- 3:30 – 4:30 pm** **Oral Abstract Session III.....** **Streeterville**
Moderator: Vijay Shivaswamy, MBBS, MS, Associate Professor, University of Nebraska Medical Center
B09: BLOOD GROUP A PREDICTS ENTEROTOXIGENIC ESCHERICHIA COLI SEVERITY
Frederick M. Kuhlmann, MD, Washington University in St. Louis
B10: OBESITY AND HYPERTENSION MODULATE MITOCHONDRIAL DYNAMICS, CONTRIBUTING TO RENAL INJURY IN SWINE
Arash Aghajani Nargesi, MD, Mayo Clinic
B11: ILC2S AND EOSINOPHILS PROTECT AGAINST STAPHYLOCOCCUS AUREUS-INDUCED SEPSIS
Philip A. Verhoef, MD, PhD, University of Chicago
- 4:30 – 6:00 pm** **Poster Session C & Closing Reception** **Pre/Lincoln Park**
 6:00 – 6:30 pm *Poster Session C Strike.....Pre/Lincoln Park*