



# Midwest Clinical and Translational Research Meeting

April 12–16, 2021

Interactive Virtual Meeting  
2-3 hours each afternoon



## Monday, April 12

All times shown in Central Daylight Time (CDT)

4:00 – 4:10 PM	<p><b>Welcome</b> <i>Dawn Belt Davis, MD, PhD, CSCTR President; Attaya Suvannasankha, MD, MWAFMR Chair</i></p>
4:10 – 4:55 PM	<p><b>MWAFMR Keynote Presentation</b> <i>Moderator: Attaya Suvannasankha, MD, Associate Professor of Clinical Medicine, Indiana University School of Medicine</i></p> <p>Academia Collaborations with Industry – Lessons for the Future <i>S. Sethu K. Reddy, MD, Central Michigan University</i></p>
5:00 – 6:00 PM	<p><b>Bone Marrow Transplant Symposium</b> <b>Harnessing the Immune System against Cancer: Lessons from Bone Marrow Transplant</b> <i>Moderators: Pavan Reddy, MD, University of Michigan Cancer Center; Gregory M. Vercellotti, MD, FACP, University of Minnesota</i></p> <p>Immune Cellular Therapy for Malignancy: TILS CAR T-Cells <i>Michael R. Bishop, MD, University of Chicago</i></p> <p>Why does Thrombotic Microangiopathy Occur after Stem Cell Transplant? <i>Stella M Davies, MBBS, PhD; Cincinnati Children's Hospital Medical Center</i></p> <p>Lessons from the Biology of Pregnancy Applied to Graft-Versus-Host Disease <i>Shernan Holtan, MD, University of Minnesota</i></p>
6:05 – 6:30 PM	<p><b>MWAFMR Henry Christian Awardee Presentations</b> <i>Moderator: Attaya Suvannasankha, MD, Associate Professor of Clinical Medicine, Indiana University School of Medicine</i></p> <p>HUMAN LUNG ENDOTHELIAL CELL BARRIER FUNCTION IS AUGMENTED BY KINDLIN-2 <i>Weiguo Chen, MD, PhD, University of Illinois at Chicago</i></p> <p>DEVELOPMENT AND VALIDATION OF A DIAGNOSTIC MODEL AND SCORING SYSTEM FOR TRANSTHYRETIN CARDIAC AMYLOIDOSIS <i>Syed Bukhari, MD, MSc, University of Pittsburgh Medical Center</i></p>
6:35 – 7:15 PM	<p><b>Poster Presentation 101</b> <i>Moderator:</i></p> <p>EXTRACELLULAR NICOTINAMIDE PHOSPHORIBOSYLTRANSFERASE (ENAMPT) NEUTRALIZATION PREVENTS AGGRESSIVE PROSTATE CANCER PROGRESSION <i>Belinda Sun, MD, PhD, Banner-University Medical Center Tuscan</i></p> <p>T4 TRANSLATION IN THE CLASSROOM: TEACHING GENETICS THROUGH PROJECT-BASED LEARNING IN UNDERSERVED SCHOOLS AND COMMUNITIES <i>Stephen Modell, MD, MS, University of Michigan</i></p> <p>PREVENTING TIPPING POINTS IN HIGH COMORBIDITY PATIENTS: A LIFELINE FROM HEALTH COACHES <i>Anisa Mian, MPH, Clinical Directors Network, Inc.</i></p> <p>GENETIC APPROACHES TO TREAT VISION LOSS IN A MURINE MODEL OF ACADIAN USHER SYNDROME <i>Katelyn Robillard, Louisiana State University Health Sciences Center</i></p>

	<p>ALGINATE OLIGOSACCHARIDE INHIBITS D-GALACTOSE-INDUCED HT22 HIPPOCAMPAL NEURONAL CELLS APOPTOSIS VIA NEGATIVELY REGULATING MICRORNA-34A EXPRESSION <i>Wenjing Feng, MD, The Affiliated Hospital of Qingdao University</i></p>
6:35 – 7:15 PM	<p><b>Poster Presentation 102</b> <i>Moderator:</i></p> <p>MIR-1253 POTENTIATES CISPLATIN RESPONSE IN PEDIATRIC MEDULLOBLASTOMA BY REGULATING FERROPTOSIS <i>Sidharth Mahapatra, MD, PhD, University of Nebraska Medical Center</i></p> <p>EFFICACY OF ACELLULAR PERFUSATES IN EX VIVO PRESERVATION OF TRANSPLANT ORGANS <i>Vikranth Mirle, BS, The University of Chicago</i></p> <p>LITERATURE REVIEW OF ANTI-INFLAMMATORY PROPERTIES OF CYCLOPENTENONES <i>Bohae Lee, Rosalind Franklin University of Medicine and Science</i></p> <p>PROPHYLACTIC BUT NOT THERAPEUTIC IFN-<math>\beta</math> DECREASES MORTALITY DURING INFLUENZA INFECTION IN CIGARETTE SMOKE EXPOSED MICE <i>Wenxin Wu, PhD, University of Oklahoma Health Sciences Center</i></p> <p>A ROLE FOR CARMIL 1 IN PULMONARY ENDOTHELIAL CYTOSKELETAL DYNAMICS AND BARRIER FUNCTION <i>Patrick Belvitch, MD, University of Illinois at Chicago</i></p> <p>ANTI-VIRAL PROPERTIES OF CYCLOPENTENONE PROSTAGLANDINS <i>May Paing, MS, Rosalind Franklin University of Medicine and Science</i></p>
6:35 – 7:15 PM	<p><b>Poster Presentation 103</b> <i>Moderator: Attaya Suvannasankha, MD, Associate Professor of Clinical Medicine, Indiana University School of Medicine</i></p> <p>A RARE CASE OF PERICARDIAL EFFUSION DUE TO PRIMARY MEDIASTINAL LARGE B-CELL LYMPHOMA <i>Sudeepthi Bandikatla, MD, University of Louisville</i></p> <p>A RARE CASE OF PANCYTOPENIA DUE TO COPPER DEFICIENCY IN PATIENT WITH GRAFT VS HOST DISEASE <i>Sudeepthi Bandikatla, MD, University of Louisville</i></p> <p>A RARE CASE OF ANORECTAL MUCOSAL MELANOMA <i>Sandhya Kolagatla, MD, Appalachian Regional Healthcare</i></p> <p>DIFFUSE ALVEOLAR HEMORRHAGE AS A RARE COMPLICATION OF SEVERE ATYPICAL HEMOLYTIC UREMIC SYNDROME <i>Sudeepthi Bandikatla, MD, University of Louisville</i></p> <p>A RARE CASE OF SMALL CELL CARCINOMA OF PAROTID GLAND <i>Tuong Vi Do, DO, Appalachian Regional Healthcare Harlan</i></p> <p>NASOPHARYNGEAL MANTLE CELL LYMPHOMA PRESENTING AS HEARING LOSS: A CASE REPORT <i>Omar Fahmy, MD, University of Louisville</i></p>
7:20 – 7:50 PM	<p><b>MWAFMR Career Development Workshop</b> <i>Moderators: Attaya Suvannasankha, MD, Associate Professor of Clinical Medicine, Indiana University School of Medicine</i></p> <p>Scientists on Social Media: Claiming the Digital Space <i>Armand Krikorian, MD, University of Illinois at Chicago / Advocate Christ Medical Center</i></p>
<p><b>Tuesday, April 13</b> <b>All times shown in Central Daylight Time (CDT)</b></p>	
4:00 – 4:30 PM	<p><b>Department Chair Session: University of Oklahoma Health Sciences Center</b> <i>Chair: Mary Beth Humphrey, MD PhD, Associate Dean for Research, Section Chief of the Department of Rheumatology Immunology and Allergy in the Department of Medicine</i></p> <p>Targeting KRAS Mutated Lung Cancer <i>Parthasarathy Chandrakesan, PhD, Assistant Professor of Research</i></p> <p>Studies of the Microbiome in Osteoarthritis <i>Matlock A Jeffries, MD, Assistant Professor of Medicine, Rheumatology</i></p>

	<p>NOTCH3 Regulation of Human Airway Epithelial Club Cell Differentiation <i>Matthew Walters, PhD, Division of Pulmonary, Critical Care and Sleep Medicine</i></p>
4:30 – 5:30 PM	<p><b>Panel Discussion: Effect of COVID-19 in the Research Workplace</b> <i>Moderators: Dawn Belt Davis, MD, PhD, University of Wisconsin – Madison; Gregory M. Vercellotti, MD, FACP, University of Minnesota</i></p> <p>COVID-19 had a substantial effect on the research landscape. In some cases, early-stage researchers were able to adapt quickly and retool their laboratory, including the temporary need to discontinue in-person work. Others had substantial difficulty balancing personal responsibilities (especially childcare and school-from-home policies), clinical responsibilities (increased clinical work in hospital and critical care settings for patients with COVID-19), and/or research plans.</p> <p>In this interactive 1-hour session, Dawn Belt Davis, MD, PhD and Gregory M. Vercellotti, MD, FACP will host the discussion with Michael S. Lauer, MD, and Joan D. Beckman, MD, PhD, Assistant Professor of Medicine, University of Minnesota, on topics such as:</p> <ol style="list-style-type: none"> <li>1. How has NIH responded to the need for science to help end the pandemic (e.g., CONNECTS)?</li> <li>2. How is NIH supporting researchers who have re-directed their professional time to supporting clinical demands during the COVID-19 pandemic?</li> <li>3. How is NIH planning to support non-COVID-19 related research during the COVID-19 pandemic?</li> <li>4. What does NIH want to know from early-stage investigators?</li> </ol> <p><b>Michael S. Lauer, MD</b> <i>Deputy Director for Extramural Research, National Institutes of Health</i></p> <p><b>Joan D. Beckman, MD, PhD</b> <i>Assistant Professor of Medicine, Division of Hematology, Oncology and Transplantation, University of Minnesota</i></p>
5:30 – 5:55 PM	<p><b>Outstanding Young Investigator</b> <i>Moderator: David J. Kennedy, PhD, The University of Toledo</i></p> <p>TRANSTHYRETIN CARDIAC AMYLOIDOSIS PREDICTS THROMBOEMBOLIC RISK IN ATRIAL FIBRILLATION <i>Syed Bukhari, MD, MSc, University of Pittsburgh Medical Center</i></p> <p><b>Featured New Investigator</b> <i>Moderator: Jeffrey Laurence, MD, Weill Cornell Medical College</i></p> <p>IL-10-PRODUCING NK CELLS EXACERBATE SUBLETHAL STREPTOCOCCUS PNEUMONIAE INFECTION IN THE LUNG <i>Sarah Clark, PhD, University of Colorado Denver</i></p>
6:00 – 6:40 PM	<p><b>Poster Presentation 201</b> <i>Moderator:</i></p> <p>INVESTIGATING THE 'FAUCI EFFECT': THE IMPACT OF COVID-19 ON UNDERGRADUATE INTEREST IN THE MEDICAL FIELD <i>Arjun Kumar, University of Cincinnati College of Medicine</i></p> <p>COVID-19 VACCINE HESITANCY IN THE GREATER CHICAGO AREA: A COMPARATIVE STUDY AND SOME FACTORS INFLUENCING NEGATIVE RESPONSES <i>Aamina Qureshi, Lyons Township High School</i></p> <p>DYNAMIC STRATIFICATION OF DISEASE SEVERITY AND PROGNOSIS OF HOSPITALIZED COVID-19 PATIENTS USING HIDDEN MARKOV MODEL <i>Ray Priyadip, PhD, Lawrence Livermore National Lab</i></p> <p>EARLY PREDICTION OF ADVERSE OUTCOMES FOR COVID-19 PATIENTS UNDER COST CONSTRAINTS <i>Ray Priyadip, PhD, Lawrence Livermore National Lab</i></p> <p>PREVOTELLA DIFFERENTIALLY REGULATES THE INFLAMMATORY RESPONSE OF HUMAN MONOCYTES TO SARS-COV-2 SPIKE GLYCOPROTEINS <i>Jorge Cervantes, MD, PhD, Paul L Foster School of Medicine Texas Tech University Health Sciences Center</i></p>
6:00 – 6:40 PM	<p><b>Poster Presentation 202</b> <i>Moderator: John D. Dickinson, MD, PhD, Assistant Professor, University of Nebraska Medical Center</i></p>

	<p>PHOSPHOLIPASE D (PLD) SIGNALING: ROLE IN CANCER AND VIRAL INFECTIONS <i>Sarah Parniani, MS, Chicago Medical School at Rosalind Franklin University</i></p> <p>THE ENIGMA OF KAPOSI SARCOMA MANAGEMENT <i>Victoria Vuckovic, Chicago Medical School at Rosalind Franklin University</i></p> <p>INFLAMMATION ASSOCIATED WITH SARS-COV-2 INFECTION <i>Aisha Patel, Chicago Medical School at Rosalind Franklin University</i></p> <p>CLINICAL CHARACTERISTICS DISTINGUISHING BRONCHIOLITIS PATIENTS REQUIRING MECHANICAL VENTILATION <i>Rachel Marlow, MD, University of Nebraska</i></p> <p>PATIENT/PARENT ADMINISTERED EPINEPHRINE IN ACUTE ANAPHYLAXIS <i>Michelle Murata, Hawaii Pacific Health</i></p> <p>MALONDIALDEHYDE-ACETALDEHYDE (MAA) AND/OR CITRULLINE (CIT) MODIFIED PROTEINS INDUCE UNIQUE PRO-INFLAMMATORY AND PRO-FIBROTIC RESPONSES BY HUMAN MACROPHAGES <i>Nozima Aripova, BS, University of Nebraska Medical Center</i></p>
6:00 – 6:40 PM	<p><b>Poster Presentation 203</b> <i>Moderator:</i></p> <p>A WOMAN WITH ABDOMINAL PAIN WHILE BEING TREATED WITH STEROID <i>Suha Abu Khalaf, MD, University of Missouri, Columbia</i></p> <p>AN IMMUNOCOMPROMISED WOMAN WITH LEFT EYE VISUAL LOSS <i>Suha Abu Khalaf, MD, University of Missouri, Columbia</i></p> <p>CASE REPORT- A CASE OF ROTHIA DENTICARIOSA ENDOCARDITIS WITH SEVERE COMPLICATIONS <i>Esther Bak, BS, University of Louisville School of Medicine</i></p> <p>DAPTOMYCIN INDUCED RHABDOMYOLYSIS. WHEN DRUG-DRUG INTERACTIONS PLAY A CRUCIAL RULE <i>Suha Abu Khalaf, MD, University of Missouri, Columbia</i></p> <p>WAXING AND WANING SENSORY AND MOTOR LOSS: A DIAGNOSTIC AND THERAPEUTIC DILEMMA <i>Sabaa Ahmed, DO, Advocate Christ Medical Center</i></p>
6:45 – 7:45 PM	<p><b>MWAFMR Career Development Workshop</b> <i>Moderators: Attaya Suvannasankha, MD, Associate Professor of Clinical Medicine, Indiana University School of Medicine</i></p> <p>Writing in the Sciences <i>Kristin Sainani, PhD, Stanford University</i></p> <p>Introduction with Journal of Investigative Medicine (JIM) Editor-in-Chief <i>Richard W. McCallum, MD, Texas Tech University Health Sciences Center El Paso</i></p>
<p><b>Wednesday, April 14</b> <b>All times shown in Central Daylight Time (CDT)</b></p>	
4:00 – 4:45 PM	<p><b>Research Innovations</b> <i>Moderator: John D. Dickinson, MD, PhD, Assistant Professor, University of Nebraska Medical Center</i></p> <p>Challenges of Conducting Research on Rare Viral Illness such as Ebola <i>James Lawler, MD, MPH, University of Nebraska Medical Center</i></p>
4:50 – 6:05 PM	<p><b>Biomarkers in Nephrology</b> <i>Moderator: Suman Setty, MBBS, PhD, University of Illinois at Chicago</i></p> <p>Does the Microbiome Predict Kidney Disease or Does it Influence It? <i>Sanjeev Akkina, MD, Loyola University Medical Center</i></p> <p>Transplant Biomarker Development <i>Bruce Kaplan, MD, University of Colorado Anschutz Medical Campus</i></p> <p>Biomarkers of Acute Kidney Injury <i>Jay L. Koyner, MD, University of Chicago</i></p>

6:10 – 6:25 PM	<p><b>Early Career Development Awardee Presentation</b>  Moderator:</p> <p>IMPACT OF HUMAN GPR17 VARIANTS ON INCRETIN SECRETION IN ENTEROENDOCRINE CELLS  <i>Hongxia Ren, PhD, Indiana University</i></p>
6:30 – 7:10 PM	<p><b>Poster Presentation 301</b>  Moderator: <i>Jiang Tian, PhD, Assistant Professor, University of Toledo</i></p> <p>ACTIVATION OF NA/K-ATPASE SIGNALING BY THE ARACHIDONIC ACID METABOLITE 20-HYDROXYEICOSATETRAENOIC ACID  <i>Fathima Dhillani Mohammed Faleel, University of Toledo</i></p> <p>TARGETING CARDIOTONIC STEROID ACTIVATION OF NA/K-ATPASE-SRC SIGNALING VIA PNAKTIDE REDUCES RENAL INJURY AND DYSFUNCTION IN A DAHL SALT SENSITIVE MODEL OF CHRONIC KIDNEY DISEASE  <i>Chrysan Mohammed, BA, University of Toledo</i></p> <p>CIRCULATING HEMOPEXIN ACCUMULATES IN KIDNEYS AND WORSENS RENAL INJURY IN CISPLATIN-INDUCED ACUTE KIDNEY INJURY  <i>Xiaoming Fan, MD, PhD, University of Toledo</i></p> <p>E2F INHIBITOR AMERLIORATES TGFB-INDUCED EXTRACELLULAR MATRIX ACCUMULATION AND BLEOMYCIN-INDUCED PULMONARY FIBROSIS  <i>Qinmao Ye, MS, Dorothy M. Davis Heart and Lung Research Institute, The Ohio State University</i></p> <p>MLCK ACTIVATION HAS DISTINCT EFFECTS ON PROLIFERATION BETWEEN PULMONARY ARTERY SMOOTH MUSCLE AND ENDOTHELIAL CELLS UNDER NORMOXIC AND HYPOXIC CONDITIONS  <i>Dustin Fraidenburg, MD, University of Illinois at Chicago</i></p> <p>SEX AND STRAIN DETERMINE THE METABOLIC RESPONSE TO DIETARY PROTEIN LEVEL  <i>Cara L. Green, PhD, University of Wisconsin – Madison</i></p>
6:30 – 7:10 PM	<p><b>Poster Presentation 302</b>  Moderator:</p> <p>INTESTINAL DYSBIOSIS IN CONGENITAL HEART DISEASE IS EXACERBATED AFTER CARDIOPULMONARY BYPASS  <i>Jeffrey Salomon, MD, MBA, University of Nebraska Medical Center</i></p> <p>LONG-TERM PROGNOSTIC VALUE OF RIGHT VENTRICULAR DYSFUNCTION ON CARDIOVASCULAR MAGNETIC RESONANCE IMAGING IN ANTHRACYCLINE-TREATED CANCER SURVIVORS  <i>Sanya Chhikara, MBBS, University of Minnesota</i></p> <p>PREVALENCE OF AORTIC STENOSIS AND TAVR OUTCOMES IN PATIENTS WITH SCLERODERMA ASSOCIATED PULMONARY ARTERIAL HYPERTENSION  <i>Kristen Alman, MD, University of Wisconsin Hospitals and Clinics</i></p> <p>PARADOXICAL BRONCHOSPASM IN U.S. MILITARY VETERANS WITH COPD AND ASTHMA IN CHICAGO: A PRELIMINARY OBSERVATION  <i>Malvika Kaul, MD, University of Illinois at Chicago</i></p> <p>THE HARMFUL ALGAL BLOOM TOXIN MICROCYSTIN-LR INDUCES AN ANTIBODY RESPONSE: IMPLICATIONS FOR MONITORING EXPOSURE  <i>Apurva Lad, University of Toledo</i></p>
6:30 – 7:10 PM	<p><b>Poster Presentation 303</b>  Moderator:</p> <p>TRANSIENT LEFT POSTERIOR FASCICULAR BLOCK AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT  <i>Julien Feghaly, MD, MPH, St. Louis University School of Medicine</i></p> <p>A CASE OF A VERY LARGE AORTIC VALVE VEGETATION AND ENDOCARDITIS, AND THE RISK OF DIAGNOSTIC ANGIOGRAPHY FOR PRE-SURGICAL EVALUATION  <i>Adhiraj Bhattacharya, MBBS, MD, St. Elizabeth's Medical Center</i></p> <p>ICTAL APHASIA VERSUS EPILEPTIC APHASIA</p>

	<p><i>Olubusola Amiola, MD, Louisiana State University</i></p> <p>IGA VASCULITIS: NOT JUST FOR KIDS <i>Kristen Lipps, MD, University of Wisconsin Hospitals and Clinics</i></p> <p>SEIZURES WITHOUT OVERT SYSTEMIC DISEASE <i>Mary Nemer, MD, University of Wisconsin Hospitals and Clinics</i></p> <p>A CASE OF CEREBRAL VENOUS SINUS THROMBOSIS AND NEPHROTIC SYNDROME FROM MEMBRANOUS LUPUS NEPHROPATHY <i>Arabelle Abellard, MD, Msc, University of Illinois at Chicago - APMC</i></p>
7:15 – 7:45 PM	<p><b>Mentor / Networking Happy Hour</b></p> <p>Sticking up for Yourself: Communication and Negotiation <i>Suthat Liangpunsakul, MD, MPH, Indiana University School of Medicine</i></p> <p>How to Learn from and Land Leadership Positions on Regional and National Committees <i>Jerry A. Krishnan, MD, PhD, University of Illinois at Chicago; Gregory M. Vercellotti, MD, FACP, University of Minnesota</i></p>
<p><b>Thursday, April 15</b> <b>All times shown in Central Daylight Time (CDT)</b></p>	
4:00 – 5:25 PM	<p><b>Max Miller Lecture in Diabetes Research</b> <i>Moderators: Dawn Belt Davis, MD, PhD, University of Wisconsin – Madison; Terry G. Unterman, MD, University of Illinois at Chicago and VA West Side Medical Center</i></p> <p>Mapping Mitochondrial Nutrient Metabolism in Liver <i>Shawn C. Burgess, PhD, Professor, Center for Human Nutrition and Department of Pharmacology, UT Southwestern Medical Center</i></p> <p>Modulating Thermogenic Beige Fat for Metabolic Health <i>Yuwei Jiang, PhD, Assistant Professor, University of Illinois at Chicago</i></p> <p>Endocrine Regulation of Carbohydrate Homeostasis by FGF21 <i>Matthew J. Potthoff, PhD, Associate Professor, University of Iowa</i></p>
5:30 – 5:45 PM	<p><b>CSCTR Business Meeting</b> (all welcome to attend)</p>
5:50 – 6:15 PM	<p><b>Early Career Development Awardee Presentations</b> <i>Moderator:</i></p> <p>COUNTERMEASURES TO CIRCADIAN MISALIGNMENT <i>Josiane L. Broussard, PhD, Colorado State University</i></p> <p>ROLE OF TZD-ACTIVATED PPAR GAMMA IN HEPATOCYTES IN THE DEVELOPMENT AND PROGRESSION OF NASH <i>Jose Cordoba Chacon, PhD, University of Illinois at Chicago</i></p>
6:20 – 7:00 PM	<p><b>Poster Presentation 401</b> <i>Moderator: Terry G. Unterman, MD, University of Illinois at Chicago and VA West Side Medical Center</i></p> <p>FASTING MEDIATES THE METABOLIC, MOLECULAR AND GEROPROTECTIVE EFFECTS IN A CALORIE RESTRICTED DIET <i>Heidi Pak, BS, University of Wisconsin – Madison</i></p> <p>GERIATRIC MICE ARE LEANER AND HAVE IMPROVED GLUCOSE TOLERANCE AFTER DIETARY ISOLEUCINE RESTRICTION <i>Yang Yeh, University of Wisconsin – Madison</i></p> <p>SHORT-TERM LOW PROTEIN DIET AMELIORATES METABOLIC DYSFUNCTION IN DIABETIC LIPODYSTROPHIC MICE <i>Marcos Munoz, PhD, University of Illinois at Chicago</i></p> <p>HEPATIC DELETION OF FOXO1 SIGNALING RESCUES THE METABOLIC DEFICITS CAUSED BY MTORC2 INHIBITION <i>Reji Babygirija, MS, University of Wisconsin – Madison</i></p>

	REGULATION OF BODY WEIGHT AND COMPOSITION THROUGH DIETARY HISTIDINE <i>Victoria Flores, BS, University of Wisconsin – Madison</i>
6:20 – 7:00 PM	<p><b>Poster Presentation 402</b> <i>Moderator:</i></p> <p>MULTI-DISCIPLINARY APPROACH TO DIAGNOSIS AND TREATMENT OF RECTAL CARCINOMA: THE ROAD TO NATIONAL ACCREDITATION PROGRAM FOR RECTAL CANCER INSTITUTIONAL ACCREDITATION <i>Saman Karimi, MD, MS, University of Illinois at Chicago</i></p> <p>FALLS ARE COMMON, MORBID, AND PREDICTABLE FOR PATIENTS WITH CIRRHOSIS: A PROSPECTIVE STUDY <i>Elliot Tapper, MD, University of Michigan</i></p> <p>DEVELOPMENT OF SUSTAINABLE EX-VIVO NORMOTHERMIC LIVER PERFUSION PLATFORM FOR RESEARCH PURPOSES <i>Vikranth Mirle, BS, The University of Chicago</i></p> <p>PRELIMINARY DIAGNOSTIC VALUE OF MITOGENS/INHIBITORY FACTORS IN PATIENTS WITH GASTROINTESTINAL CANCERS <i>Wojciech Blogowski, MD, PhD, University of Zielona Gora, Poland and Mayo Clinic, Rochester, MN, USA</i></p> <p>IDENTIFICATION AND DESIGN OF OPTIMAL DIETS FOR HUMAN HEALTH AND LONGEVITY <i>Michaela Murphy, RD, CD, University of Wisconsin – Madison</i></p>
6:20 – 7:00 PM	<p><b>Poster Presentation 403</b> <i>Moderator: Bin Ren, MD, PhD, FAHA, Associate Professor, University of Alabama at Birmingham</i></p> <p>REFRACTORY HYPOGLYCEMIA AS THE INITIAL PRESENTATION OF LIVER METASTASES <i>Sudeepthi Bandikatla, MD, University of Louisville</i></p> <p>THE DANGER IN GREEN: THE FIRST CASE OF MICROWAVE ABLATION ASSOCIATED BILOTHORAX <i>Sudeepthi Bandikatla, MD, University of Louisville</i></p> <p>A RARE CASE OF ASYMPTOMATIC PANCREATITIS DUE TO ATEZOLIZUMAB, AN IMMUNE CHECKPOINT INHIBITOR <i>Natasha Chandler, MD, University of Louisville</i></p> <p>ANTIOXIDANT THERAPY RESTORES HEPATIC PHASE I &amp; PHASE II METABOLIC ENZYMES ALTERED BY EXPOSURE TO MICROCYSTIN-LR IN A MURINE MODEL OF DIET-INDUCED NON-ALCOHOLIC FATTY LIVER DISEASE <i>Apurva Lad, University of Toledo</i></p> <p>AN UNCOMMON CAUSE OF HEMORRHAGIC SHOCK AND LIVER MASS IN CIRRHOSIS <i>Kristen Lipps, MD, University of Wisconsin Hospitals and Clinics</i></p>
7:05 – 7:35 PM	<p><b>Mentor / Networking Happy Hour</b></p> <p>Becoming an Independent Investigator: How do I Separate Myself from my Mentor(s) and Start my own Laboratory? <i>John D. Dickinson, MD, PhD, University of Nebraska Medical Center; David J. Kennedy, PhD, The University of Toledo</i></p> <p>Funding Your Research: Writing Successful Grant Applications <i>Jennifer Alexander-Brett, MD, PhD, Washington University School of Medicine</i></p>
<b>Friday, April 16</b>	
<b>All times shown in Central Daylight Time (CDT)</b>	
4:00 – 4:55 PM	<p><b>CSCTR John B. Hickam Endowed Lecture</b></p> <p>The John B. Hickam Endowed Lectureship was established in 1981 to honor John Hickam, President of CSCR in 1970. At the time of his death in 1970, Dr. Hickam was Chair of Medicine at Indiana University School of Medicine. Dr. Hickam was internationally recognized in medical research, particularly in the areas of lung, heart and circulatory system diseases. Dr. Hickam was also responsible for the administration of research programs, which established the Indiana University School of Medicine as one of the nation's primary centers for research in heart disease. <i>Moderator: David J. Kennedy, PhD, University of Toledo</i></p> <p>Innovation in the Extreme <i>Scott E. Parazynski, MD, physician and former NASA astronaut</i></p>

5:00 – 6:15 PM	<p><b>Cardiology/Pulmonary Lecture</b>  Moderator: <i>Steven Dudek, MD, University Illinois at Chicago</i></p> <p>Aspects of the Extrapulmonary Effects of Asthma and Cardiovascular Effects  Nizar N. Jarjour, MD, Professor of Medicine, University of Wisconsin School of Medicine</p> <p>Single Cell Analysis of Lung Populations in Pulmonary Fibrosis  Paul Reyfman, MD, MS, Assistant Professor of Medicine, Northwestern University Feinberg School of Medicine</p>
6:20 – 6:35 PM	<p><b>Early Career Development Awardee Presentation</b>  Moderator:</p> <p>NOVEL THERAPEUTIC INTERVENTIONS FOR PATIENTS WITH ALZHEIMER’S DISEASE AND CORMORBID DYSPHAGIA  <i>Nicole Rogus-Pulia, PhD, University of Wisconsin – Madison</i></p>
6:40 – 7:20 PM	<p><b>Poster Presentation 501</b>  Moderator:</p> <p>A CASE OF UNDETECTED PHEOCHROMOCYTOMA PRESENTING AS TAKOTSUBO’S CARDIOMYOPATHY  <i>Moaz Abdelrehim, MD, Tufts School of Medicine</i></p> <p>HIGH-INTENSITY VERSUS MODERATE- OR LOW-INTENSITY STATIN THERAPY FOR PRIMARY PREVENTION OF CARDIOVASCULAR DISEASE IN HIGHER-RISK ADULTS: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS (MESA)  <i>Kristen Lipps, MD, University of Wisconsin Hospitals and Clinics</i></p> <p>MODULATION OF CARDIOTONIC STEROID ACTIVATION OF NA/K-ATPASE–SRC SIGNALING VIA PNAKTIDE DECREASES CARDIAC INFLAMMATION AND FIBROSIS IN A DAHL SALT SENSITIVE MODEL OF CHRONIC KIDNEY DISEASE  <i>Prabhatchandra Dube, PhD, University of Toledo</i></p> <p>SEX DIFFERENCES IN LONG-TERM OUTCOMES OF CANCER SURVIVORS WITH SUSPECTED ANTHRACYCLINE-RELATED CARDIOTOXICITY ASSESSED BY CARDIOVASCULAR MAGNETIC RESONANCE IMAGING  <i>Chetan Shenoy, MBBS, MS, University of Minnesota</i></p> <p>LEFT VENTRICULAR DYSFUNCTION AT DIAGNOSIS IS AN INDEPENDANT PREDICTOR OF MORTALITY IN TRANSTHYRETIN CARDIAC AMYLOIDOSIS  <i>Syed Bukhari, MD, MSc, University of Pittsburgh Medical Center</i></p> <p>MYOCARDIAL INFARCTION WITH NONOBSTRUCTIVE CORONARY ARTERY DISEASE IN SICKLE CELL DISEASE  <i>Sara Shahid, MD, Rochester Regional Health</i></p>
6:40 – 7:20 PM	<p><b>Poster Presentation 502</b>  Moderator: <i>John D. Dickinson, MD, PhD, Assistant Professor, University of Nebraska Medical Center</i></p> <p>MRSA MODULATES HISTONE ACETYLATION IN LUNG ENDOTHELIUM  <i>Elletheria Letsiou, PhD, University of Illinois at Chicago</i></p> <p>MAINTENANCE EFFECTS OF A LIFESTYLE PHYSICAL ACTIVITY INTERVENTION FOR URBAN AFRICAN AMERICAN WOMEN WITH ASTHMA  <i>Sharmilee Nyenhuis, MD, University of Illinois at Chicago</i></p> <p>AEROSOLIZED MICROCYSTIN-LR INDUCES TYPE 1 INFLAMMATION OF THE AIRWAYS  <i>Joshua Breidenbach, University of Toledo</i></p> <p>A RETROSPECTIVE ANALYSIS OF FEEDING PRACTICES AND OUTCOMES IN BRONCHIOLITIS PATIENTS ON NIPPV  <i>Sidharth Mahapatra, MD, PhD, University of Nebraska Medical Center</i></p> <p>ALVEOLUS ANALYSIS: A WEB BASED TOOL FOR ANALYSIS OF INTRAVITAL LUNG MICROSCOPY  <i>Patrick Belvitch, MD, University of Illinois at Chicago</i></p> <p>CIGARETTE SMOKE EXPOSURE REVEALS A NOVEL ROLE OF CORTACTIN IN LUNG ENDOTHELIAL DYSFUNCTION  <i>Mounica Bandela, University of Illinois at Chicago</i></p>
6:40 – 7:20 PM	<p><b>Poster Presentation 503</b>  Moderator:</p>



	<p>ACUTE THROMBOEMBOLIC RENAL INFARCTION SECONDARY TO ATRIAL FIBRILLATION, AN UNCOMMON CAUSE OF FLANK TENDERNESS <i>Abdullah Ahmad, MD, Englewood Hospital and Medical Center</i></p> <p>AN INNOCENT BYSTANDER? ACUTE CORONARY SYNDROME OF THE RIGHT CORONARY ARTERY WITH TAKOTSUBO'S CARDIOMYOPATHY <i>Adhiraj Bhattacharya, MBBS. MD, St. Elizabeth's Medical Center</i></p> <p>ARRHYTHMIA BURDEN IN THE SETTING OF SURGICALLY REPAIRED CONGENITAL HEART DEFECTS <i>Sabaa Ahmed, DO, Advocate Christ Medical Center</i></p> <p>UNEXPECTED FINDINGS ALONGSIDE SYMPTOMATIC ATRIAL SEPTAL DEFECT <i>Julien Feghaly, MD, MPH, St. Louis University School of Medicine</i></p> <p>AN UNUSUAL APPROACH TO TREATING VENTRICULAR TACHYCARDIA STORM WITH CHOLESTYRAMINE <i>Reuben Warshawsky, MD, University of Missouri-Columbia</i></p> <p>SPONTANEOUS CORONARY ARTERY DISSECTION: A RARE NON-ATHEROSCLEROTIC CAUSE OF ACUTE MYOCARDIAL INFARCTION <i>Adhiraj Bhattacharya, MBBS, MD, St. Elizabeth's Medical Center</i></p>
7:25 – 7:55 PM	<p><b>Mentor / Networking Happy Hour</b></p> <p>Setting Priorities: When to Say Yes and How to Say No <i>Dawn Belt Davis, MD, PhD, University of Wisconsin – Madison; Debra J. Romberger, MD, University of Nebraska Medical Center</i></p> <p>The Balancing Act for Women in Medicine and Science <i>Emily K. Sims, MD; Attaya Suvannasankha, MD, Associate Professor of Clinical Medicine, Indiana University School of Medicine</i></p>