

ZOOMing in on Preeclampsia Research

Virtual Seminar Series

Preliminary Presentation Schedule

November 16, 2020 12 noon US Central Time

Angiogenic Biomarkers for Risk Stratification of Women with Preeclampsia

Sarosh Rana, MD, MPH, FACOG
Professor of Obstetrics and Gynecology
Section Chief, Maternal-Fetal Medicine
Department of Obstetrics and Gynecology
The University of Chicago, Chicago, IL

Developing Maternally Sequestered Biologics for Treatment of Preeclampsia

Gene L. Bidwell, PhD
Associate Professor of Neurology
University of Mississippi Medical Center

November 23, 2020 12 noon US Central Time (Early Stage Investigators)

Mechanisms of microvascular dysfunction following preeclampsia

Anna Stanhewicz,, PhD
Assistant Professor, Health and Human Physiology, University of Iowa

Incidence of postpartum hypertension within 2 years of a pre-eclamptic pregnancy: a systematic review and meta-analysis

Veronica Giorgione PhD, Postdoctoral fellow
St Georges, University of London

Establishment of a novel flow culture system to decipher the etiology of preeclampsia

Laura Ormesha, MRC Clinical Research Fellow
Division of Developmental Biology & Medicine
University of Manchester

November 30, 2020 12 noon US Central Time

What does the Brain and Urine Have to Do With It?

Mark Santillan MD, PhD, FACOG, FAHA **Confirmed**
Associate Professor, Department of Obstetrics and Gynecology
Associate Director for Special Populations, Institute for Clinical and Translational Science
Clinical Research Director, Maternal Fetal Tissue Bank



Co-Director, OB/Gyn Resident Research
Division of Maternal Fetal Medicine
Department of Obstetrics and Gynecology
Faculty, Interdisciplinary Graduate Program in Molecular Medicine
University of Iowa Carver College of Medicine

If we know so much about preeclampsia why haven't we cured it?

James M. Roberts, MD- **Confirmed**
Investigator Magee-Womens Research Institute
Professor Obstetrics Gynecology and Reproductive Sciences
Epidemiology, and Clinical and Translational Research
University of Pittsburgh
Co-Investigator Global Pregnancy Collaboration

December 7, 2020 12 noon US Central Time (Early Stage Investigators)

Postpartum Neurovascular Complications following Placental Ischemia

Junie Paula Warrington, PhD - **Confirmed**
Assistant Professor, Department of Neurology
University of Mississippi Medical Center.

Short term self-management of blood pressure post-partum and its long-term impact on blood pressure trajectory

Jamie Kitt MD, PhD- **Confirmed**
British Heart Foundation Clinical Research Training Fellow
Cardiology Sub-Specialty/Senior Registrar in Cardiac imaging and Obstetric Cardiology
University of Oxford

eQTL analysis in the human placenta

Clara Apicella, MS **Confirmed**
PLACENTA H2020, Institute Cochin, INSERM U1016, Paris, France

December 14, 2020 12 noon US Central Time

What Science is All About: Falsifying a Hypothesis

Berthold Huppertz, PhD **Confirmed**
Chair, Department of Cell Biology, Histology and Embryology
Gottfried Schatz Research Center
Medical University of Graz, Graz Austria

Role of PIGF in Preeclampsia

Ananth Karamanchi, MD
Medallion Chair in Vascular Biology



Director, Nephrology
Cedars Sinai
Beth Israel Deaconess Medical Center, Harvard Medical School

January 11, 2021 12 noon US Central Time

A dormant microbial component in the development of pre-eclampsia, and the potential role of ergothioneine

Douglas B. Kell, PhD **Confirmed**
Research Professor in Systems Biology
Louise C. Kenny, MD. PhD
Executive pro-Vice Chancellor. Both University of Liverpool, UK.

MZe786, a Hydrogen Sulfide Releasing Aspirin Prevents Preeclampsia in Heme Oxygenase-1 Haplodeficient Pregnancy Under High soluble Flt-1 Environment

Asif Ahmed, PhD **Awaiting Confirmation**
Executive Chairman and CEO
MirZyme Therapeutics, Innovation Birmingham Campus, Faraday Wharf, Holt Street,
Birmingham B7 4BB, United Kingdom.

January 18, 2021 12 noon US Central Time (Early Stage Investigators)

Uromodulin in a rodent model of hypertensive pregnancy

Sheon Mary, PhD **Confirmed**
Research Associate; Institute of Cardiovascular and Medical Sciences, University of Glasgow,
Glasgow, UK

Adrenergic receptors mediating the blood pressure response to placental ischemia-induced hypertension.

Frank T. Spradley, PhD **Confirmed**
Assistant Professor
Director of Basic Science Research, Department of Surgery
University of Mississippi Medical Center

Establishment of a novel flow culture system to decipher the etiology of preeclampsia

Nadja Kupper, MSc, PhD student **Confirmed**
Department of Cell Biology, Histology and Embryology
Gottfried Schatz Research Center
Medical University of Graz, Graz Austria



January 25, 2021 12 noon US Central Time

Society for Maternal Fetal Medicine (SMFM) Virtual Meeting

February 1, 2021 12 noon US Central Time

From ASPRE to FIGO: Implementation of first trimester prediction and prevention of preeclampsia

Liona Poon, MD **Confirmed**

Professor, Department of Obstetrics and Gynecology, the Chinese University of Hong Kong
Visiting Professor, Department of Women and Children's Health, King's College London
Editor, Ultrasound in Obstetrics and Gynecology
Trustee, International Society of Ultrasound in Obstetrics and Gynecology

Implementation of routine first trimester combined screening for pre-eclampsia: a clinical effectiveness study

Basky Thilaganathan, MD **Confirmed**

Professor and Director, Fetal Medicine Unit
St Georges University Hospitals NHS Foundation Trust

February 8, 2021 12 noon US Central Time

Systemic reviews and meta-analyses across species: can it help us to design better trials?

Titia Lely, MD, PhD **Awaiting Confirmation**

Department of Obstetrics
Wilhelmina Children's Hospital,
University Medical Center Utrecht

Alternative splicing in normal and pathological human placentas is correlated to genetic variants.

Camino Ruano San Martin, M.Sc, Clara Apicella, M.Sc, Sébastien Jacques, M.Sc, Géraldine Gascoin, PhD, Cassandra Gaspar, M.Sc, Francisco Miralles, PhD, Céline Méhats, PhD, **Daniel Vaiman, PhD** Team leader 'From Gametes to Birth', Institut Cochin, Paris, INSERM **Confirmed**
Research Director, Cochin Institute, INSERM, Paris, France

February 15, 2021 12 noon US Central Time

BH4 as a therapeutic target in preeclampsia and associated long term vascular risk

Keith Channon, PhD **Awaiting Confirmation**

University of Oxford

Inflammation and Autoantibodies produced during preeclampsia: Novel therapeutics targets for an old disease

Birdie Lamarca, PhD **Confirmed**



Professor, Department of Pharmacology & Obstetrics and Gynecology
University of Mississippi Medical Center

February 22, 2021 12 noon US Central Time

Maternal interventions in a rat model of PE, do benefits in the mother translate to benefit versus harm in the offspring?

Barbara Alexander, PhD, FAHA, FAPS **Confirmed**

Professor, Department of Physiology and Biophysics

Director, Analytical and Assay Laboratory

University of Mississippi Medical Center

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March 1, 2021 12 noon US Central Time (Early Stage Investigators)

Maternal Education of Immune Cells Protect against preeclampsia

Francesco Colucci, MD, PhD **Awaiting Confirmation**

Department of Obstetrics and Gynaecology

University of Cambridge

Hydroxychloroquine effect on fetoplacental endothelial activation in vitro

Maja Gajic, MSc, PhD student **Awaiting Confirmation**

Department of Obstetrics and Gynecology

Medical University of Graz

Fecal microbiome in the offspring of BPH/5, a preeclamptic-like mouse model

Kalie Beckers, DVM **Awaiting Confirmation**

PhD student, Department of Veterinary Clinical Sciences

Louisiana State University

March 8, 2021 12 noon US Central Time

Syncytiotrophoblast Stress

Christopher Redman MB, BChir, FRCP, FRCOG **Awaiting Confirmation**

Professor Emeritus, University of Oxford, UK

Circulating syncytiotrophoblast microvesicles

Manu Vatish, MBCh BA, DPhil MA, MRCOG **Awaiting Confirmation**

Senior Clinical Fellow, University of Oxford. UK



March 15, 2021 12 noon US Central Time (Early Stage Investigators)

Post-partum Preeclampsia Related...

Lauren Biber, PhD **Awaiting Confirmation**

Postdoctoral Research Associate, Cardiology, Molecular Cardiology Research Institute
Tufts Medical Center

Role of ASIC2a and Endocannabinoid System in Placental Ischemia induced Seizure Susceptibility

Maria Jones-Muhammad **Awaiting Confirmation**

Graduate Student, Department of Neurology
University of Mississippi Medical Center

Preeclampsia Today

Manurishi Nanda **Awaiting Confirmation**

Clinical Fellow
Medical University of Graz, Graz Austria

March 22, 2021 12 noon US Central Time

Novel Biomarkers of Pre-eclampsia

Nita J Maihle, PhD **Awaiting Confirmation**

Associate Cancer Center Director
Professor of Medicine, Cell & Molecular Biology
University of Mississippi Medical Center

Kynurenine activates the Ca²⁺ spark-BKCa axis to relax systemic resistance arteries of normotensive women and those with preeclampsia; a future antihypertensive?

Stephanie Worton **Awaiting Confirmation**

Academic Clinical Lecturer
Clinical Scientist, Division of Developmental Biology and Medicine
University of Manchester

March 29, 2021 12 noon US Central Time (Early Stage Investigators)

The Role of Kisspeptin/Receptor in Pregnancy and the Preeclamptic-like BPH/5 Mouse

Viviane Gomes, Theriogenology Resident & PhD student **Awaiting Confirmation**

Louisiana State University

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April 5, 2021 12 noon US Central Time

Placentation in preeclampsia predicts cardiovascular risk in offspring

Kent Thornburg, Ph.D. **Awaiting Confirmation**

Professor of Medicine, Division of Cardiovascular Medicine, School of Medicine

Professor of Physiology and Pharmacology, School of Medicine

Professor of Obstetrics and Gynecology, School of Medicine

Director, Center for Developmental Health, School of Medicine

Director, Bob and Charlee Moore Institute for Nutrition and Wellness, School of Medicine

Program in Molecular and Cellular Biosciences, School of Medicine

Oregon Health & Science University

Placental disorders of pregnancy and neonatal outcomes in a developing country:

Opportunities for collaborative research

Christopher Yilgwan, **Awaiting Confirmation**

Associate Professor/Honorary Consultant, Paediatric Cardiology Unit, Department of Paediatrics

University of Jos- Nigeria

April 12, 2021 12 noon US Central Time (Early Stage Investigators)

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April 19, 2021 12 noon US Central Time

Novel therapeutics for pre-eclampsia

Cathy Cluver, PhD **Awaiting Confirmation**

Associate Professor, Department of Obstetrics and Gynaecology &

Perinatologist

PI Research Team Leader

Stellenbosch University, Cape Town, South Africa

OPEN for basic

April 26, 2021 12 noon US Central Time (Early Stage Investigators)

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May 3, 2021 12 noon US Central Time

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May 10, 2021 12 noon US Central Time (Early Stage Investigators)

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May 17, 2021 12 noon US Central Time

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May 24, 2021 12 noon US Central Time (Early Stage Investigators)

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NOTE : We plan on continuing the series until the end of academic year (end of May 2020) and restart September 2021



