

35th Virtual Annual Rothman Research Day

Department of Obstetrics and Gynecology

TUESDAY APRIL 6, 2021

1:30 pm - 1:35 pm

Introduction, Dineo Khabele, MD, Chair, Department of OBGYN

1:35 pm - 1:45 pm

Overview, Division of Clinical Research, Ebony B Carter, MD, MPH

1:45 pm - 2:00 pm

Overview, Center for Reproductive Health Sciences, Indira Mysorekar, PhD

Introductions, Antonina Frolova, MD, PhD

2:00 pm - 2:15 pm

Traits of Patients Seen via Telemedicine versus In-Person for New Patient Visits in a Fertility Practice

Vinita Alexander, MD, Fellow, Division of REI

2:15 pm - 2:30 pm

Development of a Clinically Feasible Assay to Predict Fertilization in Normospermic Infertile Men Undergoing In Vitro Fertilization

Caitlin Martin, MD, MS, Fellow, Division of REI

2:30 pm - 2:45 pm

Pharmacological Chaperones for the Oxytocin Receptor Sensitize Cells to Oxytocin Treatment

Manasi Malik, BS, MSTP Graduate Student, CRepHS

2:45 pm - 3:00 pm

3D Non-Invasive Electrophysiology Imaging of Human Uterine Peristalsis

Kelsey Anderson, MD, Fellow, Division of REI

3:00 pm - 3:10 pm

BREAK

3:10 pm - 3:25 pm

The SARS-CoV-2 Receptor, Angiotensin Converting Enzyme 2 (ACE2), is Required for Human Endometrial Stromal Cell Decidualization

Sangappa Chadchan, PhD, Postdoctoral Research Associate, CRepHS

3:25 pm - 3:40 pm

Inhibition of GAS6/AXL Improves Efficacy of HER2 Inhibitor Trastuzumab in Uterine Serous Cancer

Jo'an Tankou, MD, Fellow, Division of GYNONC

3:40 pm - 4:05 pm

Role of ROR2 as a Mediator of Ovarian Cancer Metastasis

Whitney Grither, MD, PhD, Resident PGY 2

4:05 pm - 4:10 pm

ABSTRACT BLITZ

Increasing Sensitivity to Olaparib Through Inhibition of Discoidin Domain

Elizabeth Stock, MD, Fellow, Division of GYNONC

AVB-500, a Selective Inhibitor of GAS6-AXL, in Combination with Paclitaxel Alters Uterine Serous Cancer Cell Metabolism

Shaina Bruce, MD, Fellow, Division of GYNONC

Association Between Daily Melatonin and Cortisol Rhythms and Gestation Length

Ron McCarthy, BA, RN, Staff Scientist, CRepHS

SARS-CoV-2 in Human Placenta, Infection and Impact on RAS and Preeclampsia

Sonam Verma, PhD, Postdoctoral Research Associate, CRepHS

4:10 pm - 4:15 pm

CLOSING REMARKS

Indira Mysorekar, PhD

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WEDNESDAY APRIL 7, 2021

7:45 am - 8:00 am

Introduction and Recognition of Dr. David Rothman, Eric A. Strand, MD

8:00 am - 8:15 am

The Impact of Group Prenatal Care on Interpregnancy Interval

Justine Keller, MD, Resident PGY 4

8:15 am - 8:30 am

Improving Time-Associated Compliance Rates

Mario Pardo-Friedman, MD, Resident PGY 4

8:30 am - 8:45 am

A Deficit-Accumulation Frailty Index Predicts Survival Outcomes in Patients with Gynecologic Malignancy

Tyler McKinnish, MD, Resident PGY 3

8:45 am - 9:00 am

Radiation Therapy for Vaginal and Pericetal Lesions in Recurrent Ovarian Cancer

Elizabeth Johns, MD, Resident PGY 3

9:00 am - 9:15 am

Cognitive Behavioral Therapy for Weight Loss Management in Obese Gynecologic Oncologic Patients

Alison Kosmacki, MD, Resident PGY 2

9:15 am - 9:30 am

Neonatal Outcomes in Spontaneous vs. Indicated Late Preterm Births

Kristine Brown, MD, Resident PGY 4

9:30 am - 9:45 am

Physical Activity in Pregnancy: Predictive of Labor Outcomes?

Virginia Watkins, MD, Resident PGY 3

9:45 am - 10:00 am

BREAK

10:00 am - 10:15 am

The Role of pCO₂ in Umbilical Artery Gas Analysis: Predictive of Neonatal Mobility

Drew Hensel, MD, Resident PGY 2

10:15 am - 10:30 am

Neighborhood Disadvantage and Association with Ovarian Reserve

Allison Schelble, MD, Resident PGY 4

10:30 am - 10:45 am

Medicaid Reimbursement for Immediate Postpartum Long-Acting Reversible Contraception Improves Uptake Regardless of Insurance Status

Susannah Koch, MD, Resident PGY 3

10:45 am - 11:00 am

Recent Contraceptive Use & Pregnancy Intention Among Pregnant Patients during the COVID-19 Pandemic

Lauren Kus, MD, Resident PGY 2

11:00 am - 11:15 am

The Role of Endometrial Sampling for Surveillance of Recurrence in Postmenopausal Patients with Medial Inoperable Stage I Endometrial Cancer

Angelina Carey-Love, MD, Resident PGY 4

11:15 am - 11:30 am

Diet Quality in Pregnancy and the Risk of Fetal Growth Restriction

Xiao-Yu Wang, MD, Resident PGY 3

11:30 am - 11:45 am

Obese Endometrial Cancer Survivors' Perceptions of Weight Loss Strategies and Characteristics that May Influence Participation in Behavioral Interventions

Elise Wilson, MD, Resident PGY 2

11:45 am - 12:00 pm

Association Between State-Level Abortion Policy and Management of Early Pregnancy Loss

Elana Tal, MD, MS, Fellow, Division of Complex FP

12:00 pm - 12:15 pm

Surgical Simulation for Laparoscopic Ovarian Cystectomy

Hannah French, MD, Resident PGY 4

12:15 pm INVITED SPEAKER

Training and Teaching: How to Amplify Your Role in Surgical Education



Angela Chaudhari, MD
Associate Professor
Division of Minimally Invasive Gynecologic Surgery
Northwestern Medicine
Feinberg School of Medicine