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**Wednesday MAY 9<sup>th</sup>**

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**08:15 to 12:15 am - SOAP Research Workshop: Opioids in the Obstetric Population**

Course Directors: Dr. Ruth Landau, Dr. Brian Bateman.

8:20-9am: **Current Opioid Epidemiology in Obstetrics & Projections** (Dr. Brian Bateman)9:00-10:00am: **Research Panel** – Moderator Dr. Brian Bateman

- The epigenetic effects of *in utero* opioid exposure on the neonate (Dr. Ruth Landau)
- *Impact of substance use disorder on the pregnant mother* (Dr. Emily Miller)

10:00-10:15am: Coffee break

10:15-12:00pm: **Clinical Panel: Pregnancy, Pain & Opioids** (Moderators: Dr. Brian Bateman & Dr. Ruth Landau)

- Management of chronic pain during pregnancy and special considerations related to pain management during pregnancy in an opioid tolerant woman (Dr. Pamela Flood)
- Case presentations with 4 panelists (Dr. Katie Arendt, Dr. Jeanette Bauchat, Dr. Jill Mhyre, Dr. Ashraf Habib)

12-12:15: Closing remarks (Dr. Brian Bateman &amp; Dr. Ruth Landau)

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**Thursday MAY 10<sup>th</sup>**

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**07:45-9:15am - Gertie Marx Research Competition (Americana 1-3)**

- (1) 6-shogaol (bioactive metabolite of Zingiber Officinale) attenuates human uterine smooth muscle (USM) contractility (Dr. Shunsuke Hyuga/Dr. George Gallos; GM-2)

**11:15 to 12:15 pm - Maternal Cardiac Disease Panel (Americana 1-3)**

Moderator: Dr. Katherine Arendt

Speakers: Dr. Marie Louise Meng, Dr. Felicity Plaat

**11:15- 12:15 pm Poster Session #2 (Poinciana 1-2)**

- (2) Long acting opioid use during delivery hospitalizations and risk for severe maternal morbidity (Dr. Cassandra Duffy/Dr. Ruth Landau; T1B-4)
- (3) Patient- and Hospital-Level Factors Associated with the Use of General Anesthesia for Cesarean Delivery (Dr. Jean Guglielminotti; T2B-3)

**2:00 to 3:00 pm - Poster Session #3 (Poinciana 1-2)**

- (4) Hemodynamic monitoring for intrapartum cesarean delivery (Dr. Xiwen Zheng/Dr. Marie-Louise Meng; T3B-2)

**4:00 to 5:00 pm - Poster Session #5 (Poinciana 1-2)**

- (5) In-Hospital Oral Opioid Use After Cesarean Delivery With Neuraxial Anesthesia (Dr. Erik Romanelli/Dr. Ruth Landau; T5A-1)
- (6) Factors Associated With Early Oral Oxycodone Use After Cesarean Delivery With Neuraxial Anesthesia (Dr. Erik Romanelli/Dr. Ruth Landau; T5A-3)
- (7) Total Oral Oxycodone Intake After Cesarean Delivery According To Clinical Scenario (Dr. Ruth Landau; T5A-4)
- (8) Hospital variation in administration of oral opioid medication during vaginal delivery hospitalizations (Dr. Mirella Mourad/Dr. Ruth Landau; T5A-5)

- (9) Planned Management of Cesarean Deliveries with Morbidly Adherent Placenta: Trends from 2010-2017 in A Tertiary Center (Dr. Elena Reitman; T5B-2)
- (10) "To be stressed or not TOO stressed?" – Resident Stress and Anxiety Scores before and after Obstetric Anesthesia Rotation (Dr. Victoria Danhaki; T5D-4)

5:00 to 6:00 pm- **Panel: A Conversation with SOAP about Analgesic Drug Shortages (Americana 1-3)**

Moderator: Dr. Ruth Landau

Panelists: Dr. James D. Grant, Dr. Melissa Marshall, Dr. Jean M. Miles, Dr. Andrea Traynor

6:00 to 8:00pm: **Fellows & Residents Reception (Poinciana 4)**

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**Friday May 11<sup>th</sup>**

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8:00 to 9:30 am - **Best Paper Session (Americana 1-3)**

- (11) "Lighten-Up to Relax": Photo-mediated human uterine smooth muscle relaxation as a novel tocolytic strategy. (Dr. Shunsuke Hyuga/Dr. George Gallos; BP-4)

8:30 to 9:30 am - **Poster Session #6 (Poinciana 1-2)**

- (12) Management of a pregnant patient with Cri-du-Chat Syndrome and pseudohypoparathyroidism Type 1b (Dr. Laura Lombardi-Karl/Dr. Suzanne Mankowitz; F1D-3)

10:15-11:15 am - **Poster Session #7 (Poinciana 1-2)**

- (13) Early onset preeclampsia with placenta accreta in a multiparous woman post-renal transplant (Dr. Allison Lee; F2D-2)

11:15 to 12:15 am - **Poster Session #8 (Poinciana 1-2)**

- (14) Workload on the labor floor: Does it increase resident burnout? (Dr. Victoria Danhaki; F3A-1)
- (15) How low did we go: a case-report of unexpected thrombocytopenia (Dr Marie-Louise Meng; F3D-3)

2:15 to 3:15 pm - **Poster Session #9 (Poinciana 1-2)**

- (16) Listen to the patient: A successful external cephalic version (ECV) under neuraxial anesthesia and subsequent vaginal birth after cesarean delivery (VBAC) in a grand-multiparous patient (Dr. Erik Romanelli/Dr. Ruth Landau; F4C-8)

2:30 to 3:30 pm - **Research Hour - Opioids in Pregnancy and the Postpartum: New Insights from Research (Americana 1-2)**

Moderator: Dr. Ruth Landau

Speakers: Dr. Brian T. Bateman, Dr. Ruth Landau, Dr. Emily S. Miller

3:45 to 4:45 pm - **Poster Session #10 (Poinciana 1-2)**

- (17) Mediating the mediators: Managing mast cell activation syndrome during cesarean delivery (Dr. Jo Pena/Dr. Richard Smiley; F5C-1)
- (18) Anesthetic management of quaternary C/S in a patient with diffuse, destructive metastatic lesions (Dr. Sapan Shah/Dr. Laurence Ring; F5C-9)

**Columbia Friday night dinner 7pm (all invited, please RSVP)**

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**Saturday MAY 12<sup>th</sup>**

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**8:00 to 9:00 am Oral Presentations II (Americana 1-3)**

- (19) Comparative Maternal Risks Associated with General Anesthesia for Cesarean Delivery" (Dr. Jean Guglielminotti; O2-4)

**9:30 to 10:30 am - Poster Session #12 (Poinciana 1-2)**

- (20) Unusual Discrepancy in Maternal & Fetal Response to Ephedrine for Treatment of Maternal Hypotension During Neuraxial Labor Analgesia (Dr. Jen Lee/ Dr. Ruth Landau; S1D-1)
- (21) Two Cases of Thrombosis After Prophylactic TXA Administration During Cesarean-Hysterectomy for Placenta Accreta (Dr. Danielle McCullough/Dr. Laurence Ring; S1D-2)
- (22) Time Trends in the Prevalence, Severe Morbidity, and Utilization of Resources in Pulmonary Hypertension During Pregnancy (Dr. Jean Guglielminotti; S2A-5)
- (23) Longitudinal Evaluation of Endothelial Function & Arterial Stiffness with EndoPAT: A Pilot Study Comparing Women with Early Versus Late Onset Preeclampsia (Dr. Andrea Miliades; S2A-6)

**9:30 to 10:00 am – Clinical Track: Vasopressors What's New (Cowrie 1-2)**

Presenter: Dr. Richard Smiley

**11:30 to 1:00 pm - Business Meeting & Elections (Americana 1-3)**

**2:15 to 3:15 pm - Poster Session #13 (Poinciana 1-2)**

- (24) Risk of Postpartum Readmissions Among Women With Opioid Abuse & Dependence (Dr. Tim Wen/Dr. Alex Friedman/Dr. Ruth Landau; S3B-1)
- (25) Intrathecal Anesthesia for Emergency Cesarean Delivery In A Parturient With Extreme Short Stature due to Noonan Syndrome (Dr. Danielle McCullough/Dr Charles Cain; S3D-6)

**4:15 to 5:15 pm - Poster Session #15 (Poinciana 1-2)**

- (26) The effect of labor epidural analgesia on breastfeeding outcomes: a prospective observational cohort study in a mixed parity cohort (Dr. Sharon Orbach-Zinger/Dr. Ruth Landau; S5A-1)

**6-10:00 pm - Banquet (Americana 4)**

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**Sunday MAY 13<sup>th</sup>**

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**8:00 to 9:00 am**

**Battle of the Vasopressors: Ephedrine vs. Phenylephrine vs. Norepinephrine**

Moderator: Dr. Richard Smiley

Speakers: Dr. Allison Lee, Dr. Kenneth E. Nelson, Dr. Manuel C. Vallejo