

OBSTETRIC-FETAL PHARMACOLOGY

Practical Prescribing and Research Methods Update

NOV. 1-2, 2018 NORTHWESTERN UNIVERSITY, CHICAGO, ILLINOIS

Thursday Morning, November 1, 2018 Location: Prentice Conference Room L		
8:00 – 8:30 AM	BREAKFAST	
Chairperson: Katherine L. Wisner, MD, MS		
8:30–8:35 AM	Welcome	Serdar Bulun, MD, Northwestern University
8:35– 8:40 AM	Conference Overview	Katherine L. Wisner, MD, MS, Northwestern University
8:40– 9:40 AM	Pharmacological and Physiologic Principles that Guide Care of the Pregnant Woman	Catherine Stika, MD, Northwestern University
9:40--10:15 AM	Pharmacogenomics	Alfred L. George, MD, Northwestern University
10:15- 10:30 AM	BREAK	
Chairperson: Maged Costantine, MD		
10:30–11:20 AM	The Role of the Human Placenta in Regulating Fetal Exposure to Medications	Mahmoud S. Ahmed, PhD, University of Texas Galveston
11:20 -12:00 PM	Fetal Programming and Prenatal Selective Serotonin Reuptake Inhibitor Antidepressant Exposure	Timothy Oberlander, MD University of British Columbia
12:00 PM	LUNCH	

Thursday Afternoon, November 1, 2018				
CLINICAL Prentice Conference Room L North			BASIC Prentice Conference Room L South	
Specific Drugs that Demonstrate PK/PD concepts; Case-based, Audience participation, Personalizing care of patients			Basic and Translational Science Aspects of Pharmacology, focused on Methodology	
Chairperson: Steve Caritis, MD			Chairperson: Arthur J. Atkinson, Jr., MD	
1:00 PM	Antibiotics	Catherine Stika, MD Northwestern University	PK Study Designs and PK Modeling	Michael Avram, PhD Northwestern University
2: 00 PM	Antiretrovirals	Kimberly Scarsi, MD, University of Nebraska	Study design Models	Raman Venkataramanan, PhD, University of Pittsburgh
2:45 PM	Antihypertensives	Maged Costantine, MD, University of Texas, Galveston	Stable Isotope-Labeled Drugs in Pharmacokinetic Studies	Arthur J. Atkinson, MD, Northwestern University

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3:30 PM	BREAK			
CLINICAL Prentice Conference Room L North			BASIC Prentice Conference Room L South	
Chairperson: Catherine Stika, MD			Chairperson: Alfred George MD	
3:45 PM	Anticonvulsants	Page Pennell, MD, Brigham and Women's Hospital	Placental Research Models	Tatiana Nanovskaya, DDS, PhD, University of Texas Galveston
4:30 PM	SSRIs, Hypnotics, Psychotropics	Katherine L. Wisner, MD, MS, and Crystal Clark, MD, MSc	Placental Transporter Studies	Teresa Woodruff, PhD, Northwestern University
5:15 PM	BREAK			
6:00 PM – 8:00 PM	RECEPTION AND POSTER SESSION Small plate selection, Beverages, Wine			

Friday Morning, November 2, 2018 Location: Prentice Conference Room L		
8:00 AM	Grand Rounds for OB/GYN: Pravastatin for the Prevention of Preeclampsia in High-Risk Women Introduction: Bill Grobman, MD	Maged Costantine, MD, University of Texas, Galveston
Chairperson: Shannon M. Clark, MD		
9:15 AM	Pharmacologic Principles in Lactation	Debra L. Bogen, MD, University of Pittsburgh
10:00 AM	Pharmacoepidemiology and Implementation Science Studies: How can they guide my prescribing practice?	Laura Rasmussen-Torvik, PhD, Northwestern University
10:45 AM	BREAK	
Chairperson: Emily S. Miller, MD, MPH		
11:00 AM	PRGLAC Initiative	Catherine Spong, MD, University of Texas Southwestern
11:30 AM	FDA Pregnancy and Lactation Labeling – What is the impact of the new policy?	Lynne Yao, MD, Food and Drug Administration
12:00 PM	LUNCH	

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Friday Afternoon, November 2, 2018					
CLINICAL Chairperson: Alan Peaceman, MD Prentice Conference Room L North			BASIC Chairperson: Wayne Snodgrass, MD Prentice Conference Room L South		
1:00 PM	Controversies in the Use of Oral Hypoglycemic Agents in Pregnancy	Steve Caritis, MD, University of Pittsburgh and Aaron Caughey, MD Oregon Health Sciences Center	1:00 PM	Mechanisms of Induction of CYP450 Activity in Pregnancy	Young Jeong, PharmD, PhD University of Illinois, Chicago
2:00 PM	Title: Opioid Use Disorders in Pregnancy	Barbara Parilla, MD Rush University	1:35 PM	Neonatal Pharmacokinetic Study Designs	Thomas Green, MD, Northwestern University
2:40 PM	Antepartum Heparin Review	George Saade, MD, University of Texas Galveston	2:10 PM	Pharmacokinetics and Safety of Commonly Used Drugs in Lactating Women and Breastfed Infants	Kevin Watt, MD, PhD, Duke University
			2:45 PM	Pharmacologic Probe Studies	Catherine Stika, MD, Northwestern University
3:15 PM	ADJOURN				