

Pathophysiology of Glucose Intolerance and Obesity
The State of the Science and Future Needs

0800	Welcome and Introduction: Metabolism	Pat Catalano, MD Moderator
0810	Nutritional Dynamics and GDM in Primates: Impact on Early Origins of Disease	Jacob Friedman, PhD
0830	Current Strategies to Manipulate Beta Cell Mass	David Hill, D. Phil.
0850	Obesity – Metabolic Imprinting for GDM?	Dilys Freeman, PhD
0910	The Inflammatory Milieu of Gestational Diabetes	Scott Nelson, PhD, MROCG
0930	Panel Discussion	
1000	Break and Posters	
1025	Introduction: Genetics/Epigenetics	Kjersti Aagaard-Tillery, MD, PhD
1030	Diabetes Genetics and the Legacy of James Nell	Richard M. Watanabe, PhD
1050	Alterations in DNA Methylation Associated with Abnormal Fetal Growth	Francine H. Einstein, MD
1110	Maternal Obesity, Nutrition, and Environmental Exposures: Programming the Fetal Epigenome	Kjersti Aagaard-Tillery, MD, PhD
1130	Panel Discussion	
1200	Interactive Q & A	Pat Catalano, MD
1210	Lunch and Posters	
1315	Introduction: Placenta	Pat Catalano, MD
1320	Metaflammation at the Maternal- Fetal Interface	Sylvie Haugel-de Mouzon, PhD
1340	Placental Lipid Handling in Diabetes	Gernot Desoye, PhD
1400	Potential Role of Maternal Triglyceride as a Fuel for Fetal Fat Accretion	Lynn Barbour, MD, MSPH
1420	Panel Discussion	
1450	Break and Posters	
1515	Introduction: Programming	Tom Moore, MD
1520	Programmed Metabolic Syndrome: Appetite and Adipose	Michael Ross, MD, MPH
1540	Maternal Obesity; Short- and Long-term Implications for the Fetus	Pat Catalano, MD
1600	Metabolic Programming of Hypothalamic Neuronal Circuits	Richard Simerly, PhD
1620	Panel Discussion	
1650	Interactive Q & A and Wrap-up	Pat Catalano, MD

Epidemiology of Gestational Diabetes and Obesity

The State of the Science and Future Needs

0800	Introduction: Epidemiology and Action	Assiamira Ferrara, MD, PhD
0805	Prevalence of GDM	Jean Lawrence, ScD, MS
0825	Pre-gravid Predictors of GDM	Monique Hedderson, PhD
0845	Early Pregnancy Predictors of GDM	Michelle Williams, ScD
1905	Prevention of GDM	Lisa Chasan-Taber, ScD
0925	Panel Discussion	
0955	Break and Posters	
1025	Introduction: Effects on the Fetus	Sara Meltzer, MD
1030	Pregnancy Weight Gain in GDM; Implications for the Fetus	Theresa Hillier, MD, MS
1050	Birth defects and GDM	Adolfo Correa, MD, PhD
1110	Glucose Intolerance and Fetal Development	HAPO Investigator
1130	Panel Discussion	
1200	Interactive Q & A	Assiamira Ferrara, MD, PhD
1210	Lunch and Posters	
1315	Introduction: Postpartum	Moderator
1320	Postpartum Screening and Quality of Care of Women with GDM	Cathy Kim, MD, PhD
1340	Lactation and Long-term Disease Risks in Women with GDM	Erica Gunderson, PhD, RD
1400	TBD	
1420	Panel Discussion	
1450	Break and Posters	
1520	Introduction: Health Risks after Pregnancy	Moderator
1525	Diabetes Prevention in Women with GDM	Assiamira Ferrara, MD, PhD
1545	Risk of Obesity/Metabolic Syndrome in Offspring of Women with GDM	Tine Clausen, MD
1605	Perinatal Programming of Childhood Obesity and Type 2 Diabetes	Dana Dabelea, MD, PhD
1625	Panel Discussion	
1650	Interactive Q & A and Wrap-up	Michelle Williams, ScD

Management of Gestational Diabetes
The State of the Science and Future Needs

0800	Introduction: Proof of the Pudding	John Kitzmiller, MD
0805	Implications of the ACHOIS RCT of the Treatment of Mild GDM	Caroline Crowther, FRANZCOG
0825	Implications of the MFM Units Network RCT of the Treatment of Mild GDM	Mark Landon, MD
0845	Panel Discussion	
0915	Break and Posters	
0945	Introduction: Medical Nutrition Therapy, Physical Activity	Lois Jovanovic, MD
0950	Macronutrient Intake and GDM	Robert Moses, MD
1010	Micronutrient Intake and GDM	Aidan McElduff, MBBS, FRACP
1030	Assessment of Glycemia and GDM	Yariv Yogev, MD
1050	Physical Activity and GDM Treatment	Raul Artal, MD
1110	Panel Discussion	
1150	Interactive Q & A	John Kitzmiller, MD
1200	Lunch and Posters	
1300	Introduction: Pharmacology and Treatment of GDM	Don Coustan, MD
1305	Glyburide Treatment of GDM	Oded Langer, MD
1325	Glyburide Pharmacokinetics and Placenta Interactions	Menachem Miodovnik, MD
1345	Metformin Treatment of GDM	Janet Rowan, MBCHB, FRNZCP
1405	Advances in Insulin Therapy of GDM	David Sacks, MD
1425	Panel Discussion	
1455	Break and Posters	
1525	Introduction: Obstetrical and Postpartum Management	Siri Kjos, MD
1530	Fetal Assessment and GDM	Barak Rosenn, MD
1550	Planning and Management of Delivery	Deborah Conway, MD
1610	Management During Lactation	Denice Feig, MD
1630	Panel Discussion	
1700	Interactive Q & A and Wrap-up	Don Coustan, MD
1710	Personal Reflections on Diagnosis of DM2 During and After Pregnancy and closing celebration with beer, wine, soft drinks	Oded Langer, MD David McIntyre, MBBS, FRACP