



School of Medicine

Department of Obstetrics and Gynecology's

## ***GRAND ROUNDS LECTURE SERIES***



### **D. Randall Armant, PhD**

Professor (Tenure), Research Educator

Co-Director, Women's Reproductive Health Research (WRHR) Scholar Program

Department of Obstetrics and Gynecology

Wayne State University School of Medicine

Detroit, MI

**November 27, 2018**

**8:00 AM**

### **“Prenatal Testing with Cervical Sampling: Towards Interrogating the Fetal Genome and Assessing Pregnancy Health at Five Weeks”**

Learning Objectives:

1. Illustrate and relate evidence for the migration of invasive extravillous trophoblast cells into the reproductive tract, and their displacement to the endocervical canal.
2. Explain methods for safely retrieving and isolating cervical trophoblast cells during ongoing pregnancies between weeks five and twenty of gestation
3. Examine potential uses of cervical trophoblast cells for prenatal genetic analysis of the fetus and perinatal assessment for risk of maternal complications.

Commercial Relationship disclosure: **Grant/Research Support (Principle Investigator)**: Perkin Elmer, Inc. and National Institutes of Health. **Stock Shareholder (Self –managed)**: >25% ownership of Cradle Genomic, Inc.

**Hutzel Women's Hospital, Kresge Auditorium 2<sup>nd</sup> Floor  
3990 John R, Detroit, MI 48201**

The Wayne State University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Wayne State University School of Medicine designates this live activity for a maximum of 1 *AMA PRA Category 1 Credit (s)*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Target Audience: Obstetricians and Gynecologist; Fellows, Residents, and Senior Staff of our affiliated hospitals, and practicing in the community.

Department of Obstetrics and Gynecology Website Address: <http://www.obgyn.med.wayne.edu/>

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Sanjay C. Patwardhan, M.D., Program Director has no commercial relationships to disclose.

