Wednesday, August 19, 2020  
12:00 Noon  

Register Here:  
bit.ly/EmoryScoreRIP

“Sex Differences in Metabolic Outcomes and Placental Epigenetic Profiles of Offspring Conceived Through In Vitro Fertilization”  

Laren Narapareddy PhD, RN  
Assistant Professor  
Nell Hodgson Woodruff School of Nursing

In vitro fertilization (IVF) has revolutionized fertility treatment options available to the 15% of US couples affected by infertility and has contributed to over 5 million births worldwide. However, there is recent concern that there are short- and long-term health complications in offspring conceived through IVF. In this talk, I’ll discuss the role of placental epigenetics in developmental origins of health and disease (DOHaD), specifically as it pertains to the use of IVF, and recent evidence from a mouse model of IVF that demonstrates sex differences in metabolic health outcomes and placental epigenetic profiles in offspring conceived through IVF.

“Sex Differences in HIV Treatment: Antiretroviral Toxicity and Side Effects”  

Cecile Lahiri, MD, MSc  
Assistant Professor  
Department of Medicine, Division of Infectious Diseases

Combination antiretroviral therapy (ART) has revolutionized HIV care, allowing persons to live longer. While ART is highly efficacious in both men and women, resulting in sustained virologic suppression and immune reconstitution, emerging evidence shows that there are significant sex differences in toxicity and side effects for some of these medications. Dr. Lahiri will give a brief overview of the history of sex differences in ART toxicity. In addition, she will highlight her research in integrase inhibitors and the emerging concerns for weight gain and cardiometabolic risk, particularly in women.