A Postdoctoral Fellowship is available in the field of Molecular Microbiology. The position is available immediately. The Fellow will work within the Perinatology Microbiology Unit of the Perinatology Research Branch (PRB) of NICHD/NIH and Wayne State University (WSU).

The PRB has unique clinical and translational programs focused on the mechanisms of disease responsible for pregnancy complications. The PRB is located at Hutzel Women’s Hospital, which serves Southeastern Michigan and is the primary obstetrical care center for the Detroit Medical Center, which is affiliated with WSU.

The Perinatology Microbiology Unit is based at the Detroit Medical Center, as well as the C.S. Mott Center for Human Growth and Development, which is a free-standing facility devoted to basic and translational research in reproduction.

The Postdoctoral Fellow will: 1) participate in studies of the microbiomes of the vagina, gut, oral cavity, and other anatomical sites in pregnancy and the perinatal period; 2) develop methods for the rapid detection of microorganisms in amniotic fluid and other biological fluids with the goal of improving the diagnosis of infectious diseases in pregnancy and in neonates; 3) investigate the comparative genomics of microorganisms involved in amniotic fluid and fetal infections; and 4) conduct studies of microbial transcriptomics and the host transcriptional response in the context of perinatal infection or microbiome dysbiosis.

Candidates must possess a MD/PhD or PhD in Molecular Microbiology.

Interested candidates please e-mail your curriculum vitae, three professional references and research goals to Jennifer Turpin at jturpin@med.wayne.edu.

Wayne State University is a premier, public, urban research university located in the heart of Detroit where students from all backgrounds are offered a rich, high quality education. Our deep-rooted commitment to excellence, collaboration, integrity, diversity and inclusion creates exceptional educational opportunities preparing students for success in a diverse, global society. WSU encourages applications from women, people of color and other underrepresented people. WSU is an affirmative action/equal opportunity employer.