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Location: Merrill-Cazier Library room 154
April 2, 2009 from 3:30 – 4:30 PM

“Understanding Sick Placentas: Placentation, Placental Pathophysiology, and Experimental Models of Placental Diseases”

Placentas form the ultimate biological interface between individual living vertebrates. Healthy placental tissues are required for every successful pregnancy in all eutherian species. (Eutherians are species that have placentas.)

There is remarkable variation in placenta development, anatomy, and function between species. Comparative placental pathology reveals that many aspects of placental diseases in animals and women are shared but that many species have placental lesions that are species specific. This seminar will discuss placental development, structure and function and the patho-physiology of some important diseases impacting human and animal reproduction. Although research on placental function has been limited due to its cloistered nature, a few selected methods developed to model placental diseases will be presented.

Refreshments will follow in the Biotechnology Building Lobby

Seminar