The Robert M. Berne Cardiovascular Research Center Presents

Mitchell J. Weiss MD, PhD
Jane Fishman Grinberg Professor of Pediatrics
The Children's Hospital of Philadelphia

Modeling blood diseases through patient derived induced pluripotent stem cells

Embryonic stem (ES) and induced pluripotent stem (iPS) cells can be expanded in culture and induced to differentiate into many clinically relevant tissue types. In addition, these cells are amenable to genetic manipulation through rapidly advancing gene editing techniques. Through these properties, ES/iPS cells offer great potential for modeling human genetic diseases and creating tissues for regenerative therapy. I will discuss our efforts in these areas as they relate to human blood disorders.

Thursday, December 5, 2013
11:00 AM-12:00 PM
MR5 1005

Host: Dr. Brant Isakson

Refreshments Served

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