Tuesday, April 15
3:15pm in JBJ 504

"Inducing Humoral and Cellular Responses to Multiple Sporozoite and Liver-Stage Malaria Antigens Using Exogenous Plasmid DNA"

Bernadette Ferraro, PhD
University of Pennsylvania School of Medicine

This seminar will cover current advances in malaria vaccine development and the application of synthetic DNA technology to malaria and other difficult pathogens. Dr. Ferraro will also discuss the induction of protective immunity against human malaria using synthetic DNA in a chimeric sporozoite challenge model.

Dr. Bernadette Ferraro is a Postdoctoral Fellow in the laboratory of Dr. David Weiner at the University of Pennsylvania School of Medicine in the Department of Laboratory and Pathology Medicine. During her fellowship in the Weiner lab, Dr. Ferraro was responsible for leading the preclinical development of two different multivalent vaccines. One of these vaccines is a therapeutic prostate cancer vaccine, which is currently on track to be evaluated in the clinic this year. The second targets the liver-stage of Plasmodium falciparum malaria.