Economic Decision-Making in Rats

Dr. Constantinople will discuss new results using a novel behavioral paradigm that she has developed for studying economic preferences in rats, which requires rats to reveal their estimates of probability. A pervasive feature of human decision-making is probability distortion: humans tend to overweight small probabilities and underweight large probabilities. Behavioral analysis suggests that rats exhibit similar distortions in their estimates of probabilities as humans, thus providing a platform for studying a key aspect of decision-making, estimation of outcome probabilities and evaluation of risk, which is severely disrupted in psychiatric disorders such as schizophrenia and bipolar disorder.

Friday, Feb 3rd - 4pm
Hess 9-101
WINE and CHEESE reception
5-7pm, Hess, 9th Flr.

#MSNseminars