



Christine Constantinople, PhD

Laboratories of Carlos Brody & David Tank, Princeton University

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.



Icahn
School of
Medicine at
Mount
Sinai

Friday, Feb 3rd - 4pm

Hess 9-101

WINE and CHEESE reception

5-7pm, Hess, 9th Flr.

#MSN *seminars*