TIPS

Tri-institutional Postdoc Seminar Series

Wednesday, December 6, 2017, 4:00 PM, Elmore Auditorium, MPFI
Followed by discussion and a reception in the Atrium



Adele Stewart, PhD

Laboratory of Dr. Randy Blakely, FAU

Sex, Drugs and ADHD - Psychostimulant responses reveal drug- and sex-specific perturbations resulting from in vivo expression of the disease-associated DAT Val559 mutation

The disease-associated Dopamine Transporter Val559 mutation promotes basal DA efflux and elevations in extracellular DA. In animals containing this mutation, drug- and sex-specific perturbations in psychostimulant responses are seen, providing insight into hyperdopaminergic influences on neurophysiology and behavior.



Melissa Borgen, PhD

Laboratory of Dr. Brock Grill, TSRI

RPM-1 regulates axon termination by affecting growth cone collapse and microtubule stability

Relatively little is known about growth cone collapse prior to axon termination in vivo. We show that RPM-1 signaling functions in parallel to actin regulators to destabilize microtubules and facilitate terminal growth cone collapse in vivo.