

# Chen Institute Workshop II

Saturday, April 21, 2018 - Beckman Institute Auditorium

<b>Chemistry and the Brain</b>			
<b>Morning Session</b>			
<b>NEUROSCIENCE FOR CHEMISTS – Henry Lester, Chair</b>			
<b>Time</b>	<b>Speaker</b>	<b>Animal or technique</b>	<b>Topic</b>
10:00 to 10:15 am	Henry Lester	Overview of Neuroscience	Molecules to Systems. Neuroscience diseases.
10:15 to 10:30 am	Paul Sternberg	Worm	Chemical Signaling
10:30 to 10:45 am	Grant Jensen	EM Tomography	Subcellular Structure
10:45 to 11:00 am	Kai Zinn	<i>Drosophila</i>	Development
<b>11:00 to 11:30 am</b>	<b>C O F F E E B R E A K</b>		
11:30 to 11:45 am	Sripriya Ravindra Kumar	Mouse	Gene Transfer to the Brain
11:45 am to noon	Grigorios Oikonomou	Zebrafish	Neuromodulation
12:00 to 12:15 pm	Sarkis Mazmanian	Mouse	Microbiome
<b>12:15 to 1:15 pm</b>	<b>L U N C H</b>		
<b>Afternoon Session</b>			
<b>CHEMISTRY FOR NEUROSCIENTISTS – Dennis Dougherty, Organizer</b>			
<b>Time</b>	<b>Speaker</b>	<b>Animal or technique</b>	<b>Topic</b>
1:15 to 1:30 pm	Henry Lester	Protein Modification	Neuropharmacology / Tools
1:30 to 1:45 pm	Dave Tirrell	Protein Modification	Proteomics
1:45 to 2:00 pm	Sarah Reisman	Synthesis	Small Molecule Probes
<b>2:00 to 2:30 pm</b>	<b>B I O B R E A K</b>		
2:30 to 2:45 pm	Brian Stoltz	Synthesis	Small Molecule Probes
2:45 to 3:00 pm	Doug Rees	Structure	Transporters and Channels
3:00 to 3:15 pm	Mikhail Shapiro	Protein Engineering	Imaging
<b>3:15 to 3:45 pm</b>	<b>O P E N D I S C U S S I O N</b>		