

SDBC Regional Symposium – Sept. 19, 2015

- 9:00 Welcoming remarks – Ralph Greenspan, UCSD
- 9:10-9:30 Martin Cooper, Dyna LLC – “Innovation”
- 9:30-10:05 Kee Moon/Yusuf Ozturk, SDSU – “A wireless implantable bidirectional brain computer interface for cortical and spinal plasticity”
- 10:05-10:40 Sadik Esener, UCSD – “Novel optical nanoprobes for brain mapping”
- 10:40-10:55 Break
- 10:55-11:30 Anne Bang - SBPDI – “Utilizing hiPSC-derived differentiated cells for high-throughput drug screening”
- 11:30-12:05 Candice Contet and Olivier George, TSRI –
“Genetic tools to study proteins, neuronal ensembles and circuits in addiction”
- 12:05-12:40 Eric Ahrens, SCRUM – “Emerging technologies for cellular-molecular MRI”
- 12:40-1:30 Lunch
- 1:30-2:05 Gert Cauwenberghs, UCSD – “Silicon Integrated High-Density Neural Interfaces”
- 2:05-2:40 Jiang Zhu, TSRI – “Structural engineering and rational design of optogenetic channels”
- 2:40-2:55 Break
- 2:55-3:30 Michael Heller – UCSD, “Rapid isolation and detection of brain related dna/rna/exosome biomarkers for brain tumors, tbi and other pathologies”
- 3:30-4:05 Shadi Dayeh – UCSD – “Probing greater details in brain activity with smaller nanowire probes”