Plan to attend the Saturday Workshop on MicroRNA (March 19th from 9 am-5 pm) to be held at the Hyatt Riverfront Hotel, St. Louis, MO, to kick-off the ASN Annual Meeting!

Title: "MicroRNA: From Theory to Practice"

- Basic Biology of miRNAs (Biogenesis and Mechanism of Action)
- Target Discovery (Computational Approaches)
- microRNAs in CNS (Target Discovery and Validation)
  - Nervous System Development
  - Acute Neurological Injury/ Neurodegenerative Disease
  - Neuroprotection
  - Therapeutic Target and Tool (Round Table)

Rolf Renne (Professor of Molecular Genetics and Microbiology, University of Florida) will start off the workshop by describing the basic biology of microRNAs (how are they made, why are they made, how do they work?).

Anton Enright of the European Bioinformatics Institute — one of the developers of the miRANDA algorithm — has been invited to speak on the use of software algorithms for the prediction of microRNA targets.

Nora Perrone-Bizzozero (Professor of Neurosciences at the University of New Mexico) will focus her lecture on target discovery and experimental validation utilizing both in vitro and in vivo methodologies using her unpublished work on addiction as the back drop.

Ronald Hart (Professor of Cell Biology and Neuroscience, Rutgers University) and Jason Dugas (Research Scientist, Department of Neurobiology, Stanford University) will discuss their microRNA work relating to stem cells/neuronal development and oligodendrocyte development/myelin formation, respectively.

Frank Sharp (Professor of Neurology, University of California-Davis) will describe his work on microRNA expression profiling of ischemic stroke, intracerebral hemorrhage, and kainate-induced seizures.

Julie Saugstad (Senior Scientist and Director, Molecular Neurobiology at the RS Dow Neurobiology Laboratories) will describe her work on microRNA in neuroprotection.

Not yet confirmed is Beverly Davidson (Professor of Neurology, and Physiology & Biophysics, University of Iowa; miRNA in neurodegenerative disease).

All lectures are expected to have a "methods" component to them, with the specific work being illustrative. The workshop will end with a round table discussion on the potential for microRNAs to be therapeutic targets and or/ therapeutic tools.

Register now for what should be an outstanding workshop. Registration fees are only $100 for faculty members and $50 for students and post-doctoral fellows. All fees include refreshment breaks, workshop materials and lunch. To register, go to: https://asnaccount.asneurochem.org/asn/