



# Mayo Clinic Exosome Symposium

**Sunday, October 28th, 2018 – Hage Atrium, Siebens Building, Subway Level, Rochester, Minnesota**

5:00 pm - 6:00 pm	Registration
6:00 pm - 8:00 pm	Welcome Dinner

**Monday, October 29th, 2018 – Leighton Auditorium, Siebens Building, Second Level, Rochester, Minnesota**

7:30 am – 9:00 am	Registration	
9:00 am	Welcome/Introduction	K. Sreekumaran Nair, M.D., Ph.D. Mayo Clinic
9:15 am - 9:45 am	Mapping and discovery molecular transducers of physical activity benefits	Maren Laughlin, Ph.D. (NIDDK)
9:45 am – 10:15 am	Aims of exosome project	K. Sreekumaran Nair, M.D., Ph.D. Mayo Clinic
10:15 am - 10:30 am	Break	15 minutes
10:30 am - 11:00 am	Exosome Isolation and Measurement of Exosome Proteome	Patrick Vanderboom, M.S. Mayo Clinic
11:00 am - 12:00 pm	Optimizing RNA recovery and quality control from human plasma exosomes	Martin Walsh, Ph.D. Mount Sinai
12:00 pm -12:45 pm	Lunch Break – <i>Lunch boxes for registered attendees only</i>	
12:45 pm - 1:15 pm	Extracellular Vesicles Released by Porcine Mesenchymal Stem Cells: Effects of the Metabolic Syndrome	Lilach Lerman, M.D., Ph.D. Mayo Clinic
1:15 pm - 1:45 pm	Extracellular Vesicles Link ER Stress to NASH Pathogenesis	Harmeet Malhi, M.B.B.S Mayo Clinic
1:45 pm - 2:15 pm	Multi-omics technologies and applications	Josh Coon, Ph.D. University of Wisconsin - Madison
2:15 pm - 2:30 pm	Break	15 minutes
2:30 pm -3:00 pm	Proteogenomics Analysis in Discovery Studies	Akhilesh Pandey, M.D., Ph.D. Mayo Clinic
3:00 pm - 3:40 pm	Quantitative proteomic analyses reveal complex tissue cross talk during exercise	Martin Whitham, Ph.D. University of Birmingham, United Kingdom
3:30 pm - 4:30 pm	Panel Discussion	
4:30 pm	Adjourn	

*Coffee and refreshments are available in the lobby during the presentations.*