

NJ Stem Cell Research Symposium – Agenda for September 24th -Scientific Session

Time	Presentation
8:00AM–8:45AM 8:45AM–9:00AM	Registration and poster set-up Opening Address – Michael J. Pazzani, PhD - Rutgers University
9:00AM–9:30AM 9:30AM–10:00AM 10:00AM–10:30AM	Session I Moderator: Jonathan Day, Applied Biosystems BacMan Platform Technologies for Stem Cells - Uma Lakshmipathy, PhD - Invitrogen Immunosuppression Induced by Inflammatory Cytokines in Mesenchymal Stem Cells –Guangwen Ren, PhD- UMDNJ/RWJ Medical School Defining Stem Cell Niches to Direct Differentiation towards Neuroectoderm Lineages - Gary Monteiro – Rutgers University
10:30AM–11:00AM	Poster Session
11:00AM–11:30AM 11:30AM–12:00PM 12:00PM–12:30PM	Session II Moderator: Prabhas Moghe, Rutgers Isolation of a Novel Rat Neural Precursor Clone that Efficiently Gives Rise to Functional GABAergic Neurons in Culture Martin Grumet, PhD – Rutgers University Single Cell Expression Analysis of the ESC to NSC differentiation Process- Richard Fekete, PhD – Applied Biosystems Molecular Genetic Characterization and Directed Differentiation of Trisomy 21 Induced Pluripotent Stem (iPS) Cells- Nathan Treff, PhD – RMA of NJ
12:30PM–1:15PM	Lunch & Poster Session
1:15PM – 1:30PM 1:30PM–2:15PM 2:15PM-2:45PM	Session III Moderator: Anthony Favello, Applied Biosystems Peter Reczek, PhD, NJ Commission on Science and Technology Keynote address: High Content Assay for the Identification of Small Molecule Modulators of hES Cells - Hakim Djaballah, PhD - Memorial Sloan Kettering Cancer Center Detection and Quantification of stem cell gene and protein expression using a novel integrated PCR approach – Shiaw-Min Chen, PhD – Applied Biosystems
2:45PM–3:15PM	Poster Session
3:15PM–3:45P 3:45PM–4:15PM 4:15PM–4:30PM	Session IV Moderator: Chi-Wei Lu, UMDNJ New microRNAs in human embryonic stem cells: Ago2 immunoprecipitation identifies RISC-associated RNAs that are regulated over differentiation - Ronald P. Hart, PhD – Rutgers University Erythrocytic Differentiation of Placental Progenitor/Stem Cells – Xiaokui Zhang, PhD- Celgene Cellular Therapeutics Closing and awards: Kelly Howard and Ronald P Hart, PhD



NJ Stem Cell Research Symposium – Agenda for September 24th - Technology Session

Time	Presentation
8:00AM–8:45AM	Registration and poster set-up
9:00AM–9:30AM	Next Generation siRNA Technology: Improved Efficacy, Potency, and Specificity for Cleaner RNAi Results – Rachele Kardon, Applied Biosystems
9:30AM–10:00AM	Real Time PCR Considerations: Do you know everything you need to succeed? - Mary Baltazar –Applied Biosystems
10:00AM–10:30AM	Quantitating microRNAs from small and precious samples Marcia Slater – Applied Biosystems
10:30AM–11:00AM	Poster Session
11:00M–11:30AM	Jump-In Technology for the creation of engineered human embryonic stem cell lines -Uma Lakshmipathy, PhD – Invitrogen
11:30AM–12:00PM	A Novel Gene Expression Platform for Generating Inducible Pluripotent Stem Cells – Rick Cohen, PhD – Rutgers University
12:00PM–12:30PM	Culture and Characterization Systems for hESC, iPSC and hMSC - Lucas Chase, PhD –Invitrogen
12:30PM–1:15PM	Lunch & Poster Session
	Scientific Session only for Keynote Address
2:45PM–3:15PM	Poster Session
3:15PM – 3:45PM	New Protein Expression Assays using qPCR for the Detection and Relative Quantification of Protein Markers in Stem Cells Elana Swartzman, PhD – Applied Biosystems
3:45PM–4:15PM	SOLiD System 3: Introduction to Applied Biosystems Next Generation Sequencing System and its Applications to Your Research Jennifer Stover –Applied Biosystems

To register, please visit <http://scrc.rutgers.edu/registration.php>

The event is FREE but we do ask that you register before Sept 17th

When: Thursday, Sept 24th from 8:00 am – 4:30 PM

Where: Bridgewater Marriott 700 Commons Way; Bridgewater, NJ

So far we have over 180 people from 49 companies registered in the Greater NJ area attending with over 40 posters as well as the scientific and technology presentations.

