

MUSCLE CELL BIOLOGY AND DISEASE ANNUAL SCIENTIFIC RETREAT
Tuesday November 29th 9:30AM- 6:30PM
Luskin Conference Center, Optimist Room

9:00-9:50 Registration and Coffee

MORNING SESSION

Host: Michelle Parvatiyar, Ph.D.

Moderators: Elizabeth Gibbs Ph.D, Cynthia Shu, Haibin Xi, Ph.D. Michael Hicks, Ph.D.

9:50-10:00 Welcome Rachele Crosbie-Watson

10:05-10:15 Austin Nakano, Ph.D. Pilot and Feasibility Awardee
"Developing iPSC-derived Cardiomyocyte as a Model System for Evaluating Therapeutic Intervention of DMD Cardiomyopathy"

10:20- 10:30 Shantanu Joshi, Ph.D. Pilot and Feasibility Awardee
"Brain Imaging Signatures in Duchenne Muscular Dystrophy and their Correlates With Cognitive Function"

10:35- 10:45 Sandra Loo, Ph.D. Pilot and Feasibility Awardee
"Behavioral, Cognitive, and Neurophysiological Phenotypes in Duchenne Muscular Dystrophy"

10:50-11:00 Florian Barthelemy, Ph.D., Post-Doctoral Fellow
"Can we Promote Exon Skipping in DMD Patient Cells Using Calcium Modulators?"

11:10-11:40 Armando Villalta, Ph.D., Assistant Professor, University of California, Irvine
"Immune Regulation in Muscular Dystrophy"

11:45- 12:15 Jeff Chamberlain, Ph.D., External Advisory Committee Member, Professor, University of Washington
"Approaches for Gene Therapy of DMD"

12:25-1:25 LUNCH

AFTERNOON SESSION

Host: Kristen Stearns-Reider, PT, Ph.D.

Moderators: Brian McMorran, Derek Wang, Courtney Young, Florian Barthelemy, Ph.D.

1:25-1:50 Roy Doumani, JD, Executive Director, Business of Science Center UCLA
" Exploring Entrepreneurship"

1:55- 2:25	Ellen Welch, Ph.D., Head, Genetic Disorders, PTC Therapeutics <i>"Making Sense of Nonsense: Ataluran for the Treatment of Genetic Disorders Caused by Nonsense Mutations"</i>
2:30-2:50	Rachelle Crosbie-Watson, Ph.D.-CDMD Education Liaison and T32 Director <i>"Muscle UP: A comprehensive Training Program for Undergraduates, Pre-doc and Postdoctoral Fellows"</i>
3:00- 3:10	Ayelet Dar Ph.D. Post-doctoral Fellow <i>"Distinct Subsets of PDGFRβ+ Progenitor Cells Promote Sequential Myogenic and Degenerative Remodeling after Chronic Muscle Injury"</i>
3:15- 3:25	Matthew Hakimi, M.D. <i>"Exercise-induced Vasospasm in Skeletal Muscle of Patients with Becker Muscular Dystrophy Lacking Sarcolemmal nNOS"</i>
3:30- 3:40	Patrick Magrath, Pre-doctoral Student <i>"Towards MRI-Based Quantification of Cardiomyocyte Performance in Duchenne Muscular Dystrophy"</i>
3:45- 5:00	Poster Session/Judging/ Coffee Break
5:00-5:05	Courtney Young and Cynthia Shu <i>"Bruin Allies for Duchenne Update"</i>
5:10-5:20	Poster Awards
5:20-6:30	SOCIAL HOUR WITH COCKTAILS AND APPETIZERS

Thank you for attending the CDMD Muscle Cell Biology and Disease Annual Retreat!

Notes