2022 Stem Cell Colloquium
Friday August 12, 2022 from 9:15 a.m. to 3:30 p.m.
Virtual Event via Zoom

CSU Channel Islands MS Biotechnology & Bioinformatics Program presents

STEM CELL COLLOQUIUM
Presentations by 9 CIRM Bridges Stem Cell Interns

Click to join the meeting:
https://csuci.zoom.us/j/81725982962

For more information, contact Nitika Parmar, Stem Cell Program Director at nitika.parmar@csuci.edu
**INTRODUCTIONS**

Dr. Nitika Parmar: Director, CIRM Bridges to Stem Cell Training Grant
Program Director, MS Biotechnology and Bioinformatics program
Dr. Chunnian Zhao: Instructor, Bio 602, Stem Cell Technology Internship

9:30-10:00  
**Tomas Reyes Martinez**  
Mechanisms of ER-Stress-Induced Human β-cell death  
*Mentor: Dr Maike Sander*  
Professor, Department of Pediatrics and Cellular & Molecular Medicine, Sanford Consortium, UCSD

10:00-10:30  
**Rutuja Das**  
Antisense Oligonucleotide Therapy for Autism in Preclinical Models  
*Mentor: Dr Joseph Gleeson*  
Professor, Department of Neurosciences, UCSD

10:30-11:00  
**Kelsey Hiton**  
Modeling Development and Dysfunctions of the Human Cerebellum Using iPSC-Derived Cerebellar Organoids  
*Mentor: Dr Giorgia Quadrato*  
Assistant Professor, Eli and Edythe CIRM Center for Regenerative Medicine and Stem Cell Research, USC

11:00-11:30  
**Alex Mitre**  
Spatio-temporal Localization of the HIPPO Pathway Effectors, TEAD4/YAP1 and VGLL1 During Trophoblast Differentiation of Primed and Naïve hESC  
*Mentor: Dr Francesca Soncin*  
Assistant Professor, Department of Pathology, Sanford Consortium for Regenerative Medicine, UCSD

11:30-12:00  
**Henry Diaz-Guijarro De Las Heras**  
Using Inducible MADR Tet-on System to Promote Direct Differentiation in Stem Cells  
*Mentor: Dr Joshua J. Breunig*  
Associate Professor of Biomedical Sciences, Cedars-Sinai Medical Center

**Awards Presentation**
Presentation of 2022-2023 CIRM Bridges awards by Dr. Nitika PARMAR

12:00-12:15  
**Haramritpreet Kaur**  
Modeling of Neuronal Ceroid Lipofuscinosis, Type VI in iPSN Derived I3N-neurons  
*Mentor: Dr Tyler M. Pierson*  
Associate Professor of Paediatrics and Neurology, Cedars-Sinai Medical Center

12:15-12:45  
**Tiffany Chase**  
Nanog Binds Polycomb Repressive Complex 2 to Induce Self-renewal in Hepatocellular Carcinoma  
*Mentor: Dr Keigo Machida*  
Associate Professor of Southern California Research Center for ALPD and Pancreatic Diseases, USC

12:45-1:15  
**Walongorn Kritalukkul**  
Development of Improved Methods for Transfecting and Cloning hiPSCs During Genetic Modification Procedures  
*Mentor: Dr Victoria Fox*  
President of Pathways to Stem Cell Science

1:15-1:45  
**Madison Waterlander**  
The cGAS-STING Pathway is Regulated by Polycystin-1 in vitro and is Activated in Animal Models of Polycystic Kidney Disease  
*Mentor: Dr Thomas Weimbs*  
Professor of Department of Molecular, Cellular & Developmental Biology, UCSB

1:45-2:15

2:15-2:45

**Closing Remarks & Adjourn**