GREEN FELLOWS PROGRAM 2021 POSTER SESSION SCHEDULE

Thursday, May 6, 2021 2:00 p.m. - 4:00 p.m.

Virtual Presentations Via Zoom [v.5.5.1] - Meeting ID: 966 1970 0503 Passcode: 496464

Presenting from 2:00 to 3:00

Breakout Room #	STUDENT	TITLE OF POSTER	UTSW MENTOR	DEPARTMENT
1	Harshitha Balla	Actions of WNK1 on Angiogenesis and Breast Cancer Cell Migration	Melanie Cobb, Ph.D.	Pharmacology
2	Emily Buchanan	Hyperpolarized 15N NAD+/ NADH Mimetics as Redox Active 15N MRI Sensors	Zoltan Kovacs, Ph.D.	Adv. Imaging Research
3	Helen Goenawan	In vitro Development of Human Ovarian Tissue using iPS Cells	Michael Buszczak, Ph.D.	Molecular Biology
4	Jeff Hauck	HSP70 Prevents Tau Aggregation	Marc Diamond, M.D.	Neuroscience
5	Rhea Iyer	Increasing Transfer Learning Accuracy using Minimal COVID-19 Patient Data	Steve Jiang, Ph.D.	Adv. Imaging Research
6	Mohamed Jimale	Validation of Rare Pathogenic ASD Variants Identified Through Whole Genome Sequencing in a Consanguineous Cohort	Maria Chahrour, Ph.D.	Neuroscience
7	Ezi Kalunta-Crumpton	Expansion Microscopy for Imaging Cellular Processes that Modulate Synaptic Transmission Within the Habenula	Reto Fiolka, Ph.D.	Cell Biology
8	Krystal Morton	Understanding how DSB Position and Repair Fidelity Affects the Transcription of Early Response Genes	Ram Madabhushi, Ph.D.	Neuroscience
9	Jack Mostlyn	Uncovering the Neural Circuits that Drive Food Odor Detection in *Drosophila*	Daisuke Hattori, Ph.D.	Neuroscience
10	Cindy Ngo	Pleiotrophin Drives a Pro-metastatic Immune Niche Within the Breast Tumor Microenvironment	Rolf Brekken, Ph.D.	Surgery
11	Patrick Nnoromele	Generating Model Antigens to Investigate Immunogenic Response	Todd Aguilera, Ph.D.	Radiation Oncology
12	Pragya Rawat	Recording Meiosis in Aged *C. elegans* Oocytes	Jeffrey Woodruff, Ph.D.	Cell Biology

Presenting from 3:00 to 4:00

Breakout Room #	STUDENT	TITLE OF POSTER	UTSW MENTOR	DEPARTMENT
1	Kannan Sharma	Role of Red Blood Cells in the Reverse Cholesterol Transport Pathway	Helen Hobbs, M.D.	Molecular Genetics
2	Charukesi Sivakumar	Adiponectin Receptor Signaling Protects Hematopoietic Stem Cells from Immune System Activation	Sean Morrison, Ph.D.	Pediatrics
3	John Squire	Efficacy of Nanoparticle-oriented Photodynamic Therapy Excited by Cerenkov Radiation on Head and Neck Cancer Cells	Debabrata Saha, Ph.D.	Radiation Oncology
4	Zuha Tariq	Mobile Genetic Elements, Tumor Suppression, and Aging: Insights from a Retroelement Reporter	John Abrams, Ph.D.	Cell Biology
5	Shaghayegh Beheshti	Atypical Role of Endocytic Regulators in Metabolic Stress	Peter Douglas, Ph.D.	Molecular Biology
6	Ruta Uttakar	Using MEG to Investigate the Alpha and Beta Oscillatory Dynamics Serving Verbal Working Memory	Elizabeth Davenport, Ph.D	Radiology/Adv. Imaging
7	Janiece Vancil	Macrophage TREM2 as a Gatekeeper for Fibrosis and the Progression of Nonalchoholic Steatohepatitus	Zhenyu Zhong, Ph.D.	Immunology
8	Sophie Voss	Interaction of Afadin and Hippo Pathway Components in Pancreatic Development	Ondine Cleaver, Ph.D.	Molecular Biology
9	Rebecca Waugh	Personalized Care in the Pediatric Cardiac ICU using Multiple Clinical Data Inputs and Biophysical Modeling	Tarique Hussain, Ph.D.	Pediatric Cardiology
10	Sabeen Wazir	Characterization of Autophagosomes in Myelinating Glia in the Central Nervous System	Lu Sun, Ph.D.	Molecular Biology
11	Zuhair Zaidi	Using Ethoscopes, an A.I. Driven Solution, to Analyze Sleep and Behavior in Flies	Helmut Kramer, Ph.D.	Neuroscience
12	Boxie Zhang	The State-Dependent Binding Affinities of TOG Domains, A Class of Conserved Tubulin-Binding Modules in Microtubule Regulatory Factors	Luke Rice, Ph.D.	Biophysics

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