

2022 Spring Research Festival

Poster Blitz Presenter Schedule

April 27, 2022 ~ 1:00 PM - 2:30 PM

| Presentation Title | Name | Agency |
|---|------------------|--------|
| Inhibition of Neutral Sphingomyelinase 2 Blocks HIV-1 Maturation and Replication | Eva Agostino | NCI |
| COX2, NOS2, and the Spatial Organization of Epithelial-to-Mesenchymal Transition in an in vitro model of a Hypoxic Tumor Microenvironment | Sneha Anmalsetty | NCI |
| SARS-CoV-2 IgG Spike Antibody Levels and Avidity Following Natural Infection or Vaccination with mRNA-1273 or BNT162b2 | Jimmie Bullock | NCI |
| Characterization of SARS-CoV-2-Induced Disease in Young, Aged, and hACE2 Golden Hamsters by CT and 18F-FDG PET | Yu Cong | NCI |
| Development of a Scalable Retroviral Vector Production Platform for Cell Therapy | Alokesh Ghosal | NCI |
| Wnt stabilizes pSmad1/5 by inhibiting Gsk3 activity and blocks digit joint formation | Bau-Lin Huang | NCI |
| Investigating Primary Cilium Membrane Assembly by Quantitative Analysis of 3D Electron Microscopy Images | Ziam Khan | NCI |
| Soluble Human ACE2 (APN01) as a Novel Aerosol Intervention for COVID-19 | Rebecca Matthews | NCI |
| An efficient microRNA library preparation and sequencing analysis pipeline | Julie Park | NCI |
| Single-cell immune profiling of CAR-T cells produced using CRISPR/Cas9 genome editing | Rahul Purohit | NCI |
| AAV9 Vector Production from HEK293T-PCCA Stable Cell Line, An Innovative Approach of Gene Therapy for Propionic Acidemia | Debalina Ray | NCI |
| Accelerating Therapeutics for Opportunities in Medicine (ATOM) | Titli Sarkar | NCI |
| Msn1 regulates ingress, migration, and differentiation of mesodermal progenitors to coordinate cell fate decisions and axial extension | Ruby Schnirman | NCI |
| Genome-wide CRISPR Screening to Uncover Alternative Splicing Regulatory Networks | Shreya Kordale | NCI |
| Development of virus-based tools for gene expression and gene silencing in maize | Lucy Stewart | USDA |

The links, event codes, and event passwords will be available on the Spring Research Festival Website at <https://springresearchfestival.amedd.army.mil/> during the event. User must be registered to view the Webex access information.

