Tsinghua Scholars Virtual Poster Session

The current class of Tsinghua University visiting research scholars at the University of Pittsburgh will present their work during virtual poster sessions from **1–2 p.m.** on **Wednesday** and **Thursday, April 28** and **29** via Zoom. For Tsinghua scholars, participation in such poster sessions provides an important opportunity to practice describing their scientific research in a professional setting before mentors, fellow students, and other trainees and faculty.

In a collaboration that began in 2011, medical students from **Tsinghua University in Beijing, China,** come to the **University of Pittsburgh School of Medicine** for a two-year biomedical research training program. Periodic poster sessions typically take place yearly in Pittsburgh and Beijing to build relationships and educate each site about the other's work.

A downloadable copy of the poster abstracts can be found **here.**

SESSION 1—CANCER **MODERATOR—PETER DRAIN, PHD** **28 APRIL, 1:00 P.M.**		
https://pitt.zoom.us/j/95873320946 Meeting ID: 958 7332 0946 Passcode: 230882		
Scholar	**Mentor**	**Project/Topic**
CAI Zongyou	Linda McAllister-Lucas, MD, PhD/Peter Lucas, MD, PhD	Impaired host MALT1 protease activity inhibits tumor growth and shapes tumor immune microenvironment
HU Shikai	Satdarshan (Paul) Monga, MD	NOTCH-YAP1/TEAD-DNMT1 axis drives hepatocyte reprogramming into intrahepatic cholangiocarcinoma
LI Xiang	Tullia Bruno, PhD	Interrogating B cell and tertiary lymphoid structure heterogeneity in HPV-driven cancer
LIU Simeng	Adrian Lee, PhD	RET (rearranged during transfection) as a novel therapeutic target in breast cancer metastases
WU Yang	Steffi Oesterreich, PhD	Hotspot ESR1 mutations drive breast cancer metastasis by reprogramming cell-cell adhesion ability
SESSION 2—IMMUNOLOGY, INFLAMMATION, AND SEPSIS I **MODERATOR—TIM BILLIAR, MD** **28 APRIL, 1:00 P.M.**		
https://pitt.zoom.us/j/98519153511 Meeting ID: 985 1915 3511 Passcode: 632510		
FAN Lu	Heth Turnquist, PhD	Regulatory T cell-derived amphiregulin activates fibroblasts to promote chronic rejection after heart transplantation
JIANG Ting	Tim Billiar, MD	TLR9 modulates peritoneal immunity via regulating the biology of fibroblastic reticular cells

LI Haiyue	Daniel Kaplan, MD, PhD	Cognate antigen rechallenge expands the numerical size of resident memory T cells in epidermis and triggers their migration into circulation
LIU Qixing	Mandy McGeachy, PhD	The role of IL17-IκBζ signaling in stromal cells and dextran sodium sulfate-induced (DSS) colitis
SESSION 3—IMMUNOLOGY, INFLAMMATION, AND SEPSIS II MODERATOR—STEFFI OESTERREICH, PHD 29 APRIL, 1:00 P.M.		
https://pitt.zoom.us/j/97953297713 Meeting ID: 979 5329 7713 Passcode: 610126		
WANG Yupeng	Greg Delgoffe, PhD	Metabolic stress in the tumor interstitial fluid drives long-term T cell dysfunction
ZHANG Jinyi	Amanda Poholek, PhD	Blimp-1 expressing lung ILC2s are a distinct cell population in allergic asthma
XU Zhongli	Wei Chen, PhD	Integrative analysis of spatial transcriptome with single-cell transcriptome and single-cell epigenome in mouse lungs after immunization
YANG Haopu	Takis Benos, PhD/Alison Morris, MD, PhD	Circulating microbial cell-free DNA is associated with inflammatory host responses in severe pneumonia
ZENG Yanlin	Reinhard Hinterleitner, PhD	Protists protect from loss of oral tolerance and the development of celiac disease
SESSION 4—NEUROSCIENCE (PART 1) AND INFECTIOUS DISEASES (PART 2) MODERATOR—TIM GREENAMYRE, MD, PHD 29 APRIL, 1:00 P.M.		
https://pitt.zoom.us/j/91820019387 Meeting ID: 918 2001 9387 Passcode: 802471		
CHEN Haichao	Sarah Ross, PhD	Logic of the spinal output neurons that convey nociception (pain) to the brain
CHENG Yuanchen	Rob Turner, PhD	Subthalamic nucleus activity changes during freezing-like behaviors in Parkinsonian monkeys
GUO Siying	Pat Moore, MD, MPH/Yuan Chang, MD	Mice with S82A mutation in 4e-bp1 protein are predisposed to develop T cell lymphoma after sub-lethal total body irradiation
SHI Qingya	Ivet Bahar, PhD	Systems-level analysis reveals anti-SARS-CoV-2 repurposable drugs and compounds targeting the host cell
WEI Yuliang	Nicolas Sluis-Cremer, PhD	Mutations in the HIV-1 3'-polypurine tract and integrase strand-transfer inhibitor resistance