

Southeastern Immunology Symposium

Saturday, June 11, 2022

7:15	<i>Registration</i>	
8:00	Welcome by Michael Krangel	
Session 1	Chair – Saskia Hemmers	
8:15	<i>TGF-beta signaling in helper T cell differentiation and function</i>	Yisong Wan
8:40	<i>USP19 suppresses Th17-driven pathogenesis in autoimmunity</i>	Zhiheng He
9:05	<i>Regulation of TH17 driven inflammatory disorders by nuclear receptors and their ligands</i>	Laura Solt
9:30	<i>Regulation and function of PPARγ+ Tregs in obesity-associated inflammatory skin disease</i>	Chaoran Li
9:55	<u>Trainee talk:</u> <i>Dysregulated transferrin receptor disrupts T cell iron homeostasis to drive inflammation in systemic lupus erythematosus</i>	Kelsey Voss
10:10	Coffee Break	
Session 2	Chair – Laura Solt	
10:30	Keynote address: <i>Linking TCR signaling to variations in gene expression and T cell function</i>	Leslie Berg
11:30	<i>Caspase-7 activates ASM to repair gasdermin and perforin pores</i>	Ed Miao
11:55	<i>Innate immune memory dynamics in acute and chronic diseases</i>	Liwu Li
12:20	Lunch and Poster Session 1, Second Floor Patio	
Session 3	Chair – Don Cook	
2:20	Determinants of B cell fate and function in cancer	Yulia Pylayeva-Gupta
2:45	<i>Characterizing genetic factors in the immunoglobulin loci that contribute to inter-individual variation in the expressed antibody</i>	Corey Watson
3:10	<u>Trainee talk:</u> <i>A SREBF2 gene program drives an immunotolerant dendritic cell population during cancer progression</i>	Michael Plebanek
3:25	Coffee Break	
Session 4	Chair – Wilton Williams	
3:45	<i>Using a transmitted/founder HIV-1 envelope immunogen to recapitulate breadth-associated neutralization targets in rhesus macaques</i>	Cindy Derdeyn
4:10	<u>Trainee talk:</u> <i>An epithelial-immune circuit amplifies inflammasome and IL-6 responses to SARS-CoV-2</i>	Katherine Barnett
4:25	<i>Cytotoxic T cells specific for alpha-myosin drive immunotherapy related myocarditis</i>	Justin Balko
4:50	Keynote address: <i>Immune memory to COVID-19</i>	Marion Pepper
5:50	Dinner and Poster Session 2, Second Floor Patio	

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Sunday, June 12, 2022

8:00	AAI awards announcement by Michael Krangel	
<u>Session 5</u>	Chair – Jason Whitmire	
8:20	<i>IRGM1 links mitochondrial quality control to autoimmunity</i>	Michael Fessler
8:45	<i>Disruption of microbiota and intestinal epithelium interactions as a key driver of non-communicable diseases</i>	Mariana Byndloss
9:10	<u>Trainee talk:</u> <i>The Role of Interferon-gamma and STAT1 Signaling in Neuronal Excitability and Behavior</i>	Danielle Clark
9:25	<i>Scents of danger - What infections teach us about olfactory immunity and neuroinvasion.</i>	Ashley Moseman
9:50	<i>Origin and ontogeny of human uterine NK cells</i>	Paige Porrett
10:15	<i>Models of antiviral signaling at the maternal-fetal interface</i>	Carolyn Coyne
10:40	Coffee Break	
<u>Session 6</u>	Chair – Coy Allen	
11:00	Keynote address: <i>TREM2-based strategies in neurodegeneration and cancer</i>	Marco Colonna
12:00	<i>Targeting the immune landscape and inflammation in myeloid malignancies</i>	Robert Welner
12:25	<u>Trainee talk:</u> <i>Tumor associated macrophages explain the obesity paradox in cancer through PD1 driven metabolic dysfunction</i>	Jackie Bader
12:40	<i>Genetic regulators of alloimmunization to transfused RBCs</i>	Jim Zimring
1:05	Lunch and Departure, Second Floor Patio	