



DISCOVERING NEW MEDICINES IN ARIZONA

Summit: October 2, 2019 | 7:30 a.m. – 3:00 p.m. | Phoenix Biomedical Campus

7:30 – 8:00 a.m.	Continental Breakfast <i>Location: Biomedical Sciences Partnership Building (BSPB) 475 N. 5th Street, Phoenix, AZ 85004; BSPB Rooms E113/115</i>	
8:00 – 8:15 a.m. (15 min)	Welcome & Introduction <i>Location: BSPB, Rooms E113/E115</i>	Joann Sweasy, PhD , Interim Director & Associate Director, Basic Sciences, UACC; Professor of Cellular & Molecular Medicine, Radiation Oncology, COM-Tuc Rick Schnellmann, PhD , Dean Endowed Chair; Howard J. Schaeffer Endowed Chair in Pharmaceutical Sciences; Professor, Pharmacology and Toxicology, COP Jutta Wanner, PhD , Co-Director, ACDD, Associate Professor, Pharmacology & Toxicology, COP, & Wei Wang, PhD , Co-Director, ACDD, Professor, Pharmacology & Toxicology, COP
8:15 – 11:20 a.m. (2.45 hrs.)	Plenary Session Moderator: Rick Schnellmann, PhD <i>Location: BSPB, Rooms E113/E115</i>	
8:15 – 8:45 a.m. (30 min)	“Diseases of Aging in Neurosciences”	Roberta (Robbie) Brinton, PhD , Professor, Pharmacology & Neurology; Director, Center for Innovation in Brain Science, COM-Tuc
8:45 – 9:15 a.m. (30 min)	“Drug Development in Cancer Prevention and Treatment: <i>E Pluribus Unum</i>”	Julie Bauman, MD, MPH , Professor, Medicine; Chief, Division of Hematology & Oncology; Deputy Director, UACancer Center, Co-Leader, Therapeutic Development Program
9:15 – 9:45 a.m. (30 min)	“Angiotensin 1-7 glycosylated derivatives as non-addictive analgesics for chronic pain and cognitive decline”	Todd Vanderah, PhD , Professor & Head, Pharmacology, COM-Tuc
9:45 – 10:00 a.m. (15 min)	Break	
10:00 – 10:30 a.m. (30 min)	“Lu Overview of Research and Drug Discovery for Lung Disease”	Monica Kraft, MD , Robert and Irene Flinn Professor of Med; Chair, Department of Medicine, COM-Tuc; Deputy Director, Asthma and Airway Disease Research Center; UAHS; Banner University Medical Center
10:30 – 11:00 a.m. (30 min)	“Pathogenesis of Type 2 Diabetes in the Context of Drug Targets – Capabilities at UA”	Lawrence (Larry) Mandarino, PhD , Professor & Director, UA Center for Disparities in Diabetes, Obesity and Metabolism, UAHS and COM-Tuc
11:20 a.m. – Noon (40 min)	Lunch & Networking <i>Location: BSPB - Grand Canyon</i>	



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AFTERNOON SESSIONS

Noon – 1:00 p.m. (60 min)	Session 1: Diseases of Aging in Neurosciences Chair: Dr. Robbie Brinton <i>Location: Biomedical Sciences Partnership Building; 475 N. 5th Street, Phoenix, AZ, 85004; BSPB, Room E113</i>	
12:00 – 12:20 p.m.	“Development of Mas Agonists for the Treatment of Vascular Dementia”	Kathleen (Kathy) E. Rodgers, PhD , Associate Director, Translational Neuroscience, Center for Innovations in Brain Science; Professor, Pharmacology, COM-Tuc
12:20 – 12:40 p.m.	“Artificial Intelligence in Big Data towards Precision Medicine for Neurodegenerative Diseases”	Rui Chang, PhD , Associate Director, Computational Systems Biology; Associate Professor, Neurology, COM-Tuc
12:45 – 1:00 p.m.	“Therapeutic Development for TDP-43 for Neurodegenerative Diseases”	May Khanna, PhD , Assistant Professor, Department of Pharmacology, Center for Innovation in Brain Science (CIBS)
Noon – 1:00 p.m. (60 min)	Session 2: Cancer Research Chair: Dr. Julie Bauman <i>Location: Biomedical Sciences Partnership Building; 475 N. 5th Street, Phoenix, AZ, 85004; HSEB, Room C104</i>	
12:00 – 12:20 p.m.	“Discovery of Fragment-Based and Peptidic Inhibitors of the “Undruggable” FAK FAT Domain”	Timothy (Tim) Marlowe, PhD , Director, Molecular Analysis Core, COM-Phx
12:20 – 12:40 p.m.	“Development of Novel Small Molecule Autophagy Inhibitors for Cancer Therapy”	Jennifer Carew, PhD , Co-Director, Hematological Malignancies Disease Team, Associate Professor; UA Cancer Center
12:45 – 1:00 p.m.	“T cell versus T cell: personalized CAR T cell immunotherapy for T cell malignancies”	Michael Worobey, PhD , Chair and Louise Foucar Marshall Science Research Professor Ecology & Evolutionary Biology
Noon – 1:00 p.m. (60 min)	Session 3: Airway Diseases Chair: Dr. Monica Kraft <i>Location: Health Sciences Education Building, 435 N 5th St, Phoenix, AZ, 85004; BSPB, Room E115</i>	
12:00 – 12:20 p.m.	“Nox4 inhibitors for the treatment of fibrotic disease”	Louise Hecker, PhD , Associate Professor, Cellular & Molecular Medicine, COM-Tuc
12:20 – 12:40 p.m.	“Development of Surfactant Protein-A derived peptidomimetics for the treatment of asthma”	Julie Ledford, PhD , Associate Professor, Cellular and Molecular, COM-Tuc
12:45 – 1:00 p.m.	“Targeting Protease-Activated Receptor-2: Novel Treatments for Asthma and Pain”	Scott Boitano, PhD , Professor, Cellular and Molecular Medicine, COM-Tuc



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Noon – 1:00 p.m. (60 min)	Session 4: Pain Chair: Dr. Todd Vanderah <i>Location: Health Sciences Education Building; 435 N 5th St, Phoenix, AZ, 85004; HSEB Room B106</i>	
12:00 – 12:20 p.m.	“Unlocking NaV1.7’s pain potential”	May Khanna, PhD , Co-founder, Regulonix; Founder, Regenerix, LLC
12:20 – 12:40 p.m.	“Targeting Signal Transduction for Novel Drug Discovery for the Treatment of Pain”	John Streicher, PhD , Assistant Professor and Director of Graduate Studies; Department of Pharmacology, COM-Tuc
12:45 – 1:00 p.m.	“Novel therapeutic approaches for intraoperative hypothermia”	Laurent Martin , Postdoctoral Research Associate I, Department of Pharmacology, COM-Tuc
1:00 – 1:10 p.m. (10 min)	Break	
1:10 – 2:00 p.m. (50 min)	External Panel Session Moderator: Jutta Wanner, PhD <i>Location: Health Sciences Education Building; 435 N 5th St, Phoenix, AZ, 85004; HSEB Room C104</i>	
1:10 – 1:20 p.m.	Pappas Capital	Jinzhu (Cookie) Yu, PhD Associate, Pappas Capital
1:20 – 1:30 p.m.	Desert Angels	Michael (Mike) Sember, MBA , Managing Director of UAVenture Capital
1:30 – 1:40 p.m.	Blue Stone Ventures	Mara G. Aspinall, MBA , President and CEO; Health Catalysts, BlueStone Venture Partners
1:40 – 2:00 p.m.	Panel Q&A	
2:00 – 3:00 p.m. (60 min)	Closing remarks and networking by R. Schnellmann, J. Sweasy, J. Wanner & W. Wang <i>Location: HSEB Room C104</i>	