

*Virginia Drug Discovery Rx: From Discovery to Development*  
June 8-9, 2023      The Westin Virginia Beach Town Center

**DAY 1**

11:00 AM - 1:00 PM    Registration (Monarch Foyers)

12:00 PM - 1:00 PM    Poster Session 1 (Monarch Foyers & Monarch I-III)

1:00 PM                Meeting Kick-off (Monarch I-III)  
Welcome from Ali Andalibi (George Mason University), Chair, VaDDC  
Welcome from John Newby, CEO, Virginia Bio

**Session 1:      Cancer Drug Discovery**

Chairs: John Catravas (Old Dominion University)  
          Kathryn Cole (Christopher Newport University)

1:15 PM                Keynote 1: Mehdi Mollapour, PhD  
Professor of Urology, Biochemistry & Molecular Biology, SUNY Upstate Medical University  
“Targeting the Hsp90 Chaperone Code in Cancer”

1:50 PM                Q&A

2:00 PM                Invited Talk 1: Kevin Lynch, PhD  
University of Virginia  
“The Consequences of Sphingosine 1-Phosphate Transport Inhibition”

2:25 PM                Q&A

2:30 PM                Invited Talk 2: Kimberly A. Kelly, PhD  
University of Virginia  
“Targeting Cancer-Specific Plectin for the Treatment of Solid Tumors”

2:55 PM                Q&A

3:00-4:00 PM    Announcements, Refreshments, and Bio-Break  
Undergraduate Poster Judging

**Session 2:      Drug Development**

Chairs: Marion Ehrich (Virginia Tech)  
          Cliff Stains (University of Virginia)

4:00 PM                Keynote 2: Paul Carlier, PhD  
Director, UICentre, University of Illinois Chicago  
“Mechanism-Based and Phenotypic Screening for New Antimalarials: Discovery of an  
Irresistible Class?”

4:35 PM                Q&A

- 4:45 PM Invited Talk 3: Mohamed Seleem, DVM, PhD  
Director, Center of One Health Research, Virginia Tech  
“Drug Repurposing to Combat Multidrug-Resistant *Neisseria gonorrhoeae*”
- 5:10 PM Q&A
- 5:15 PM Invited Talk 4: Ann M. Gregus, PhD  
Assistant Professor, School of Neuroscience, Virginia Tech  
“Preclinical Target Refinement of Novel Non-Opioid Therapeutics for Chronic Pain States”
- 5:40 PM Q&A
- 5:45 PM Oral Poster Talk 1: Logan Breiner (Virginia Tech)  
“1,4-Disubstituted 1,2,3-Triazole Derivatives Of The Antibiotic Pleuromutilin”
- 5:55 PM Oral Poster Talk 2: Ruben M.L. Colunga-Biancatelli (Old Dominion University)  
“Kvx-053, A Ptp4a3 Inhibitor, Modulates The Endocytic Pathway, Extracellular Vesicle Uptake, Endothelial Barrier Dysfunction And The Development Of Ards *In Vitro* And *In Vivo*”
- 6:05 PM Oral Poster Talk 3: Yuchen He (University of Virginia)  
“Development of a General Method to Control the Activity of Small GTPases in Living Cells”
- 6:15-7:15 PM Poster Session 2 & Reception (Monarch Foyers & Monarch I-III)  
Undergraduate Poster Judging
- 7:15 PM Dinner (Monarch IV-V)
- DAY 2**
- 8:30 AM Day 2 Kick-off (Monarch I-III)  
Welcome from Program Chair John Catravas (Old Dominion University)
- Session 3: Novel Therapeutics**  
Chairs: Ali Andalibi (George Mason University)  
Douglas Young (William & Mary)
- 8:30 AM Keynote 3: Milton Brown, MD, PhD  
Vice Dean for Research, Eastern Virginia Medical School  
“Discovery of Radiation Mitigators of Acute Radiation Syndrome”
- 9:05 AM Q&A
- 9:15 AM Invited Talk 5: Stephen J. Beebe, PhD  
Professor, Frank Reidy Research Center for Bioelectrics, Old Dominion University

- 9:40 AM “Distinct Tumor Immune Responses to Nanopulse Stimulation Determine Immunity”  
Q&A
- 9:45 AM Invited Talk 6: Julie Pollock, PhD  
Associate Professor of Chemistry, University of Richmond  
“A Tale of Two Types of Prodrugs: Design and Evaluation for Selective Targeting”
- 10:10 AM Q&A
- 10:15 AM Oral Poster Talk 4: Praveen Bhoopathi (Virginia Commonwealth University)  
“Cytoplasmic-Delivery Of Polyinosine-Polycytidylic Acid Inhibits Pancreatic Cancer Progression Increasing Survival By Activating Stat1-Ccl2-Mediated Immunity”
- 10:30 AM - 11:30 AM Poster Session 3 (Monarch Foyers & Monarch I-III)  
Undergraduate Poster Judging
- Session 4: Immunotherapies and Bioinformatics**  
Chairs: Paul Fisher (Virginia Commonwealth University)  
Yan Zhang (Virginia Commonwealth University)
- 11:30 AM Keynote 4: Jeffrey Schlom, PhD  
Co-Director, Center for Immuno-Oncology, Center for Cancer Research,  
National Cancer Institute, NIH  
“A Multifocal Approach for the Immunotherapy of Cancer”
- 12:05 PM Q&A
- 12:15 PM Invited Talk 7: Alessandra Luchini, PhD - Professor, Center for Applied Proteomics and  
Molecular Medicine, George Mason University  
“Bioinformatic analysis of clinical and biomarker technologies to predict early breast cancer”
- 12:40 PM Q&A
- 12:45 PM Keynote 5: James L. Gulley, MD, PhD, FACP  
Co-Director, Center for Immuno-Oncology, Center for Cancer Research,  
National Cancer Institute, NIH  
“Combination Immunotherapy Strategies to Induce Clinical Responses in ‘Cold’ Tumors”
- 1:20 PM Q&A
- 1:30 PM Lunch  
Announcement of Undergraduate Poster Awards  
Meeting Close
- 2:30 PM Optional I-Corps Session for Students (Monarch I-III)