<table>
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<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>7:30 – 8:00 AM</td>
<td>Registration and Check-in</td>
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| 8:00 – 8:15 AM | Welcome from the Directors  
M. Imad Damaj, PhD, and Egidio Del Fabbro, MD; Virginia Commonwealth University |
|             | **Introductory Remarks**                                                  |
|             | Daniel Carey, MD  
Secretary of Health and Human Resources, Commonwealth of Virginia  
Gordon Ginder, MD  
Director, Massey Cancer Center  
Peter Buckley, MD  
Dean, School of Medicine; Executive Vice President for Medical Affairs, VCUHealth |
| 8:15 – 9:00 AM | **Transient Receptor Potential Canonical 5: A novel target for inflammatory pain**  
Cheryl L. Stucky, PhD  
Marvin Wagner Endowed Professor, Department of Cell Biology, Neurobiology and Anatomy; Director, Neuroscience Doctoral Program; Director, Pain Division, Neuroscience Research Center; Medical College of Wisconsin |
| 9:00 – 9:45 AM | **Oral Presentations**  
| Session Chair: Jennifer Wolstenholme, PhD  
| Identification of a Poor Pain Outcome Phenotype Following Knee Replacement Surgery  
Daniel Riddle, PT, PhD, FAPTA; Otto D. Payton Professor, Department of Physical Therapy; Department of Orthopaedic Surgery; Department of Rheumatology; VCU  
| Relationship between chronic pain and nicotine dependence in animal models  
M. Imad Damaj, PhD; Professor, Department of Pharmacology and Toxicology; VCU  
| Non-Medical Opioid Use in Patients with Cancer-Related Pain  
Egidio Del Fabbro, MD; Palliative Care Endowed Chair and Program Director; Professor, Division of Hematology, Oncology, and Palliative Care; VCU |
| Break      |
| 10:00 – 10:45 AM | **Oral Presentations**  
| Session Chair: Brian Cassel, PhD  
| Dopaminergic Mechanisms of Pain-Depressed Behavior  
S. Stevens Negus, PhD; Department of Pharmacology and Toxicology; VCU  
| The gut mucosal barrier in Pain research  
Hamid I. Akbarali, PhD; Gladys and Harvey Haag Professor, Vice Chair and Director, Graduate Education and Postdoctoral Training, Co-Director, VCU Initiative for Maximizing Student Diversity; Department of Pharmacology and Toxicology, VCU  
| A stroll through the cannabinoid field: an abundance of potential therapeutic targets  
Aron H. Lichtman, PhD; Professor, Department of Pharmacology & Toxicology; VCU |
| 10:45 – 11:30 AM | **Therapeutic Development for Idiopathic Peripheral Neuropathy**  
A. Gordon Smith, MD FAAN  
Professor and Chair of Neurology; Kenneth and Dianne Wright Distinguished Chair in Clinical and Translational Research; VCU |
| Break      |
| 1:00 – 1:45 PM | **Unlocking NaV1.7’s pain potential**  
Rajesh Khanna, PhD  
Professor of Pharmacology, Anesthesiology and Neuroscience, University of Arizona; Chief Scientific Officer, Regulonix LLC |
TRIPN Symposium
Tuesday, November 5, 2019 | 8:00 AM – 5:30 PM
Virginia Commonwealth University | College of Health Professions, 1st Floor
900 East Leigh Street, Richmond, VA 23298

1:45 – 2:30 PM  Oral Presentations | Session Chair: Joel E. Schlosburg, PhD
Harnessing Social Media to Conduct Epidemiological Studies on Drug Abuse and Addiction
Sunny Kim, PhD, MS, MA; Assistant Professor, Department of Health Behavior and Policy
A Randomized Trial Examining the Effectiveness of Spinal Manipulative Therapies for Reducing Pain and Disability in Mild to Moderate Chronic Low Back Pain: The RELIEF Study
James S. Thomas, PT, PhD; Departments of Physical Therapy and Physical Medicine and Rehabilitation
Translational potential of ZCZ011, an allosteric modulator of cannabinoid receptor 1
Giulia Donvito, PhD; Assistant Professor, Department of Pharmaceutics; VCU

Break

2:45 – 3:15 PM  Oral Presentations | Session Chair: Joel E. Schlosburg, PhD
A qualitative study of factors enabling and hindering reporting of paclitaxel-induced peripheral neuropathy symptoms to clinicians among women with breast cancer
Teresa M. Salgado, M.Pharm., PhD; Assistant Professor, Department of Pharmacotherapy and Outcomes Science; Assistant Director, Center for Pharmacy Practice Innovation; VCU
Hematopoietic Pannexin 1 channels in nerve injury-induced pain
Doug Bayliss, PhD; Joseph & Frances Larner Professor/Chair of Pharmacology, University of Virginia

3:15 – 3:45 PM  Data Blitz Presentations | Session Chair: Giulia Donvito, PhD
• Fibrates for the Treatment of Paclitaxel-Induced Peripheral Neuropathy (PIPN)
  Martial Caillaud, PhD
• A Strategy to Test Candidate Analgesic Drug Effects on Acute Pain-Stimulated and Pain-Depressed Pain Behaviors in Mice
  Clare Diester, MSFS
• Role of 5-HT2A receptor in potentiation of oxycodone antinociception
  Salvador Sierra San Nicolas, MD, PhD
• Development of a new Animal Model for Aromatase inhibitor Letrozole-associated Arthralgia
  Dr. Jane Roberts
• Ndrg1 knockout induces neuropathic symptoms and alters sensitivity to CIPN
  Guy M. Harris

3:45 – 4:15 PM  NINDS Perspective on Basic and Translational Pain Research
D.P. Mohapatra, PhD
Program Director, Pain, Itch and Somatosensation, National Institute of Neurological Disorders and Stroke (NINDS) / NIH

4:15 – 5:15 PM  Poster Presentations and Reception
College of Health Professions room 1075

5:15 PM  Closing Remarks
M. Imad Damaj, PhD, and Egidio Del Fabbro, MD
Poster Session


2. **Diester C**, Banks M, Negus SS; “A Strategy to Test Candidate Analgesic Drug Effects on Acute Pain-Stimulated and Pain-Depressed Pain Behaviors in Mice”

3. **Harris G**, Toma W, Huey D, Van Der Vaart AD, Driver MN, Damaj M, Miles MF. “Ndrg1 and myelin-related disease: Alcoholism, peripheral neuropathy, and sensitivity to CIPN”

4. **Mann J**, Josly PL, Ulker E, Seferge M, Barik M, Damaj IM. “Effects of Acute Postoperative Pain on Alcohol Consumption in Mice”


7. **Selley D**; “Sphingosine-1-phosphate type 1 receptors in the central nervous system contribute to the antinociceptive effects of FTY720 (fingolimod) in a mouse model of nerve injury-induced neuropathy”


11. **Warncke UO**, Toma W, Zhang S, Li PL, Damaj MI; “Paclitaxel induces CIPN through CLRP3 inflammasome activation in mice”

12. **White A**, Caillaud M, Roberts JL, Mann J, Damaj MI; “Curcumin Protects Against Paclitaxel-Induced Peripheral Neuropathy”