



# Neurology Grand Rounds

## “TRANSLATIONAL STUDIES OF CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY IN ANIMAL MODELS”

### Learning Objectives:

1. Learn an overview of mechanisms of neuronal peripheral toxicity of Chemotherapy
2. Examine translational value of animal models of Chemotherapy-Induced peripheral Neuropath
3. Learn about the potential of peroxisome proliferator-activated receptors as treatment of Chemotherapy-Induced peripheral Neuropathy



Dr. Damaj earned his Ph.D. in Neuropharmacology in 1991 from the University of Paris XI, France and completed his post-doctoral training with Dr. Billy R. Martin at VCU. The major emphasis of Dr. Damaj’s research is focused on the understanding the pharmacology and the role of neuronal nicotinic in CNS function and behavior (addiction, pain and neuropathy) using newly pharmacological tools and various mouse genetic approaches. Dr. Damaj’s lab has a particular interest in probing the role that neuronal nicotinic receptors and their signaling pathways play in acute pain and chronic neuropathic pain, in particular chemotherapy-induced peripheral neuropathy. The neuronal molecular, genetic and behavioral mechanisms involved in nicotine dependence are of particular emphasis. He has authored or co-authored over 230 peer-review publications and his lab is funded by several NIH grants. He is also a member of the Biobehavioral Regulation, Learning and Ethology (BRLE) NIH Study Section, and has trained over 20 graduate students and 10 postdoctoral fellows.



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FRIDAY, December 04, 2020 ■ 12PM

Zoom: <https://vcuhealth.zoom.us/j/95657812889?pwd=V0ZQdmZ4QmF1dmVKeU9WMEpBeF1PUT09>

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Nothing to disclose