



Terra incognita of neuronal GPCR signaling

SEMINAR & VISITING SPEAKER SERIES WORLD WIDE NEURO PLATFORM

DATE

Monday, April 25, 2022
12:00 PM CST

WORLD WIDE NEURO LINK

This talk will be hosted on zoom:

<https://umanitoba.zoom.us/j/67908075022?pwd=TnV3Y2hnNjg5V1IKcitNYS9ybkFyZz09>

MEETING ID & PASSCODE

None required

SPEAKER

Dr. Kirill Martemyanov, PhD

Professor, The Scripps Research Institute, Department of Neuroscience
Chair, Department of Neuroscience, The Scripps Research Institute

RESEARCH

The main emphasis of research in the laboratory is the fundamental principles that regulate signaling via G protein coupled receptors (GPCR). GPCRs mediate a vast variety of critical biological processes ranging from proliferation and motility to cellular reception and excitability. GPCR signaling pathways are of particular importance for the nervous system function where they control many fundamental processes including excitability, differentiation, sensory perception and synaptic transmission. Importantly, but not surprisingly, even subtle imbalances in GPCR signaling often lead to the most profound nervous system disorders ranging from blindness and cognitive problems to grave neurological diseases.

WEBSITE

<http://www.scripps.edu/martemyanov>
<http://www.scripps.edu/florida/neuro>

For more information:

T: 204-235-3939

E: info@manitobaneuroscience.ca