



# PHOSPHOINOSITIDES SERVE AS MASTER REGULATORS OF GATING OF ION CHANNELS

GUEST LECTURE by

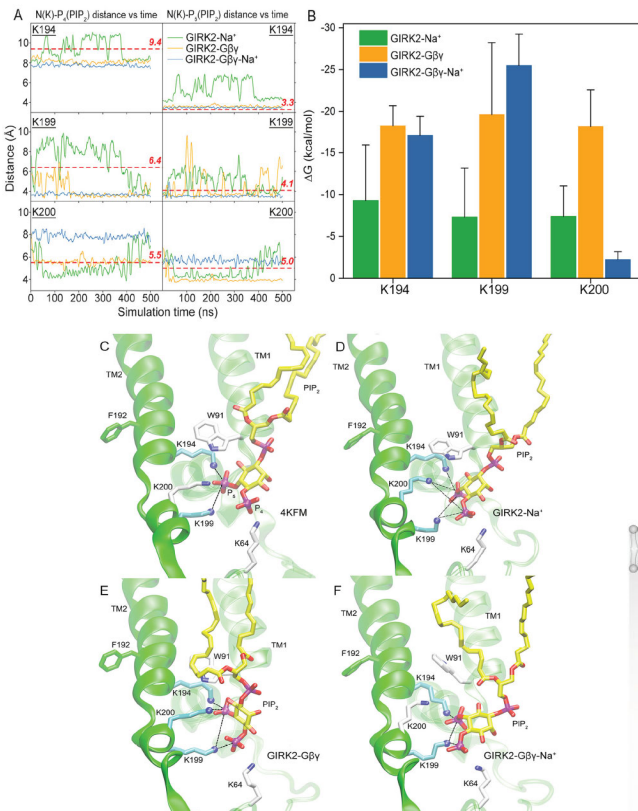


**Prof. Diomedes Logothetis, PhD**

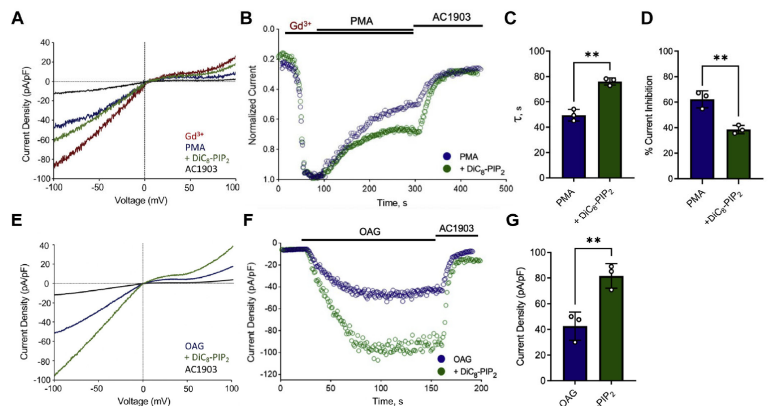
Department of Pharmaceutical Sciences, School of Pharmacy & Pharmaceutical Sciences, Bouvé College of Health Sciences, Northeastern University, Boston, USA

Friday, 27.10.2023, 11:00

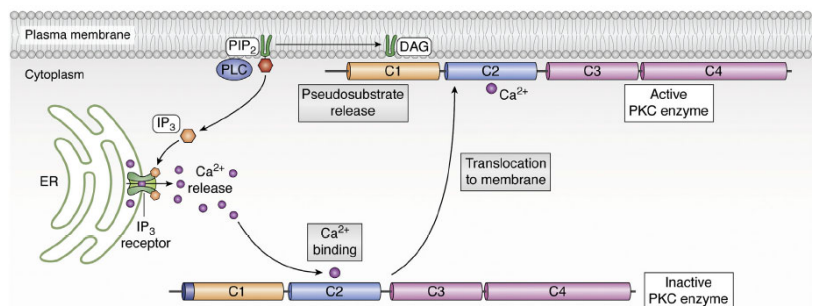
Seminar room SR35 (MC2.J.01.040, 1<sup>st</sup> floor), MED Campus



Changes in specific residue-PIP<sub>2</sub> interactions leading to HBC gating. Li *et al.* (2019) J Biol Chem 294(49):18934-48



PIP<sub>2</sub> prevents PKC-mediated desensitization and promotes OAG-mediated activation in endogenously expressed TRPC5 channels. Ningoo *et al.* (2021) J Biol Chem 296:100726



Schematic representation of conventional PKC (cPKC) activation. Gada & Logothetis (2022) J Biol Chem 298(6):102035