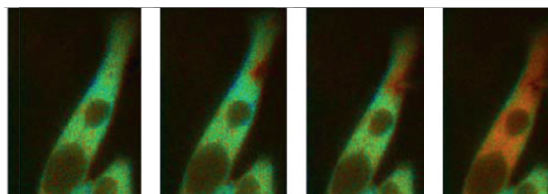
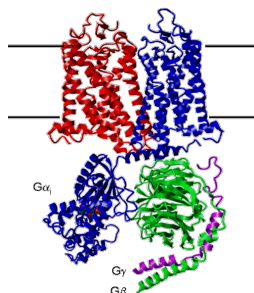




Post-Doctoral Positions in Structural and Signaling Mechanisms of GPCRs



Laboratory for GPCR Biology Department of Pharmacology & Chemical Biology University of Pittsburgh, School of Medicine

The Laboratory for GPCR Biology located at the Department of Pharmacology & Chemical Biology and funded by the NIH is seeking two candidates for post-doctoral fellowship positions to determine signaling mechanisms underlying the function of PTH-receptor and other GPCRs at the atomic/molecular level using Protein Biochemistry, Mass Spectrometry, X-ray Crystallography, NMR and/or Single Molecule approaches (position #1), and cellular level using TIRF/confocal/epifluorescence microscopy (position #2). The information obtained through this research will advance the development of new therapeutics for bone and mineral diseases, including medications for osteoporosis and hypocalcemia.

Preference will be given to PhD or MD/PhD applicants with a solid experience in Biochemistry, Structural Biology or Cell Biology using FRET/BRET, and with at least 2 first-authored articles published in international journals.

The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employers with strong institutional commitments to diversity. Women and minority candidates are particularly encouraged to apply.

Send CV and letter of motivation to J-P. Vilardaga (jpv@pitt.edu)

Selected publications:

Nature Chem. Biol. 4, 126-131 (2008)
PNAS 105, 16525-16530 (2008)
Nature Chem. Biol. 5, 734-742 (2009)
Nature Chem. Biol. 7, 278-284 (2011)
PNAS 108, 17767-17772 (2011)
PNAS 109, 7433-7438(2012)
PNAS 110, 1530-1535 (2013)
Nature Chem. Biol. 10:707-711 (2014)
Nature Chem. Biol. 10:700-706 (2014)
Nature Rev Endocrinology 11:712-724 (2015)
Nature Chem. Biol. 13:259-261 (2017)
PNAS 114:E7997-E8006 (2017)

