

Faculty Position

GPCR Pharmacology

Department of Pharmacology & Chemical Biology

University of Pittsburgh, School of Medicine

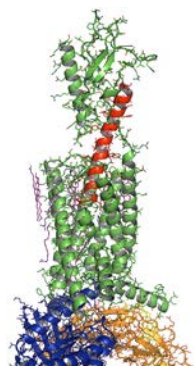
The Department of Pharmacology and Chemical Biology at the School of Medicine at the University of Pittsburgh seeks candidates for Assistant or Associate Professor Positions in the tenure track. The new faculty will be part of the Laboratory for GPCR Biology centered on signaling mechanisms of GPCR functions through transdisciplinary research approaches, including structural, molecular, and cellular biology.

Preference will be given to PhD or MD/PhD applicants with solid experience in Biochemistry, Structural Biology, Cell Biology (eg., single-cell techniques, super resolution imaging, cryo-ET), Chemical Biology (eg., chemical synthesis, chemical engineering) or animal/organoid-based disease models, high impact articles published in top tier journals, and active external funding grant support. The appointee will be expected to develop a productive, extramurally funded research program and to contribute to teaching and other academic activities in the Department. Salary and benefits are highly competitive with excellent career development opportunities.

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.

The University of Pittsburgh School of Medicine currently ranks 5th among NIH-funded academic medical centers, and the department is consistently one of the top NIH-funded departments of Pharmacology. The School of Medicine and the department are executing an exciting vision for expanding and integrating basic research, clinical investigation, and patient care missions. The department houses state-of-the-art facilities supporting microscopy, mass spectrometry, protein chemistry, gene expression profiling, genetic disease models, receptor analysis, physiologic monitoring, physical chemistry, organic/combinatorial chemistry, cryo-EM, and high throughput drug discovery.

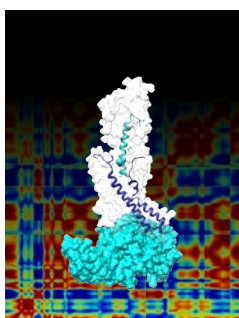
Send CV and letter of motivation to J-P. Vilardaga (jpv@pitt.edu).



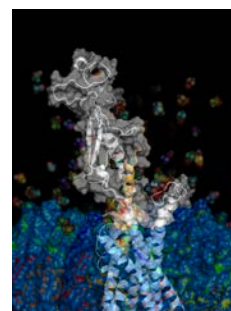
Cryo-EM structure of the PTH-PTHrP-Gs complex (*Science* 2019)



Parathyroid gland secreting GABA (*Nat Metabolism* 2020)



GPCR allosteric mechanisms via structural dynamics (*Nat Chem Biol* 2020)



Discovery of druggable sites in GPCR via structural dynamics (*Nat Chem Biol* 2022)