

G PROTEIN-COUPLED RECEPTORS, PART B



Edited by

Arun K. Shukla Ph.D.

Associate Professor, Joy Gill Chair Professor, EMBO Young Investigator, Intermediate Fellow,
Wellcome Trust DBT India Alliance, Department of Biological Sciences and Bioengineering,
Indian Institute of Technology, Kanpur 208016, India

This volume of *Methods in Cell Biology* encompasses a number of chapters focused on various experimental assays and approaches to measure activation, signaling and regulation of G protein-coupled receptors (GPCRs), the largest class of cell surface receptors and important drug targets. Written by the leaders and experienced researchers in the field, these chapters provide excellent description and step-by-step protocol for a broad range of GPCR assays which can be immensely useful to any laboratory engaged in GPCR research.

KEY FEATURES

- Contributions from leading experts in this specialized field of research
- Methods and protocols for studying G Protein-Coupled Receptors in a wide range of model systems and techniques

Cover image: Cryo-electron microscopy (cryo-EM) based structure of the human calcitonin receptor in complex with the heterotrimeric G-protein and stabilized by a nanobody. The receptor is shown in blue, Gs in yellow, Gi is cyan, Gq in purple and nanobody in red. The image is adopted from the EMDB (Electron Microscopy Data Bank) entry EMD-8623.

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