

HIGH-THROUGHPUT FLOW CYTOMETRY

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- 1 INTRODUCTION
- 2 OVERVIEW
 - GPCR Signaling Pathways as Discovery Targets
 - Flow Cytometry Well Suited to Diversity Analysis
 - Challenge of Throughput
 - Challenge of Content
 - Challenge of Informatics
 - Screening
 - Technology Associated with HyperCyt
- 3 PROTEIN EXPRESSION AND CHARACTERIZATION
 - GPCR Constructs
 - Soluble GPCRs Reconstitute with G Proteins
 - FPR Assembles with Arrestin
 - FPR Colocalization with Arrestin in Cells Parallels FPR Assemblies in Solution
 - Arrestin Regulates Intracellular FPR Traffic
 - FPR-G_{iα2} Fusion Protein Functions Physiologically
 - FPR Tail Assembly (Protein Domain Display)
 - Proof of Principle for β₂AR and Other GPCRs
- 4 SOLUBLE AND BEAD-BASED ASSEMBLIES
 - FPR Assemblies Used to Characterize and Validate the Displays

Pharmaceutical Sciences Encyclopedia: Drug Discovery, Development, and Manufacturing
Edited by Shayne C. Gad
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