

Challenges in

GPCR

Drug Discovery

G protein-coupled receptors (GPCRs) are the largest protein family encoded by the human genome and one of the key targets for therapeutic approaches across many disease areas. However, only around 25% of the druggable GPCRs have been tapped into. This presents a significant opportunity to develop novel medicines with high therapeutic impact for the GPCR class in numerous indications.

The Challenges in GPCR drug discovery workshop is co-organized by Gothenburg University, Uppsala University, and AstraZeneca to explore the latest advancements in GPCR drug discovery research. Our aim is to bring together renowned international experts from industry, biotech, academia and service providers.

The workshop focusses on lead-generation aspects such as, computational approaches, structural biology and pharmacology in early drug discovery of GPCRs.

Confirmed speakers: Martin Gustavsson, Elisabeth Rexen Ulven, Alexander Hauser (Copenhagen University), Janosch Ehrenma (LeadXpro), Andreas Kiessling, (Cube-Biotech)

Organizers: Linda Johansson (Gothenburg University), Jens Carlsson (Uppsala University), Arjan Snijder (AstraZeneca)

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