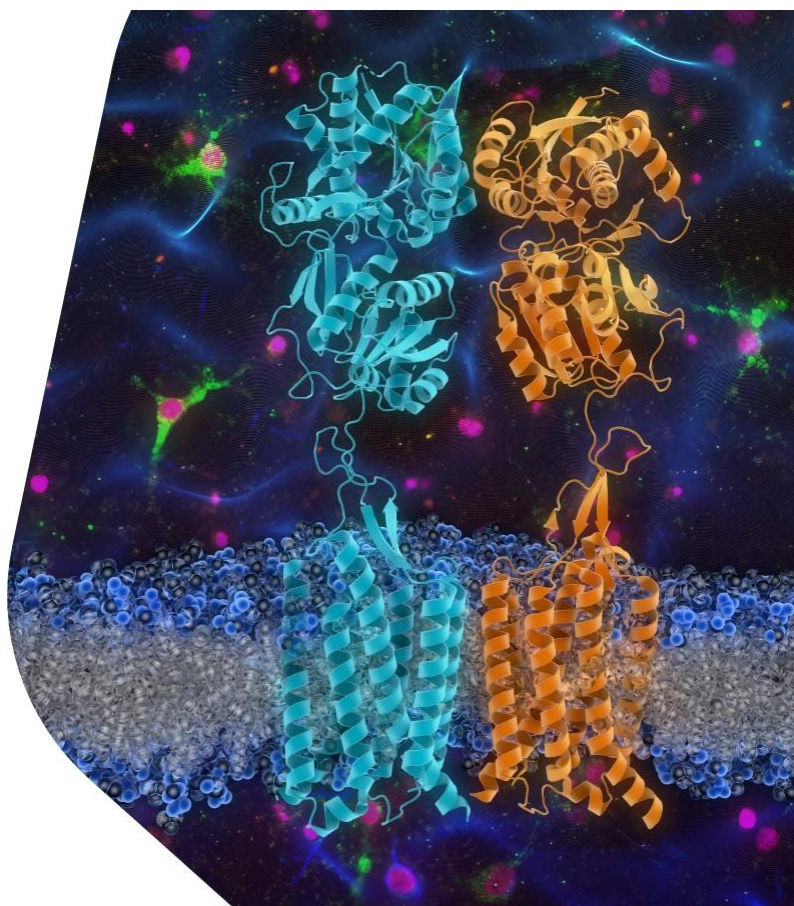


## Targeting Receptor Complexes: Novel Concepts for Drug Discovery



08:45 Registration

09:00 *From Drug to Receptor to Function*

09:00 Welcome

09:15 **Fiona Marshall:** Welcome note and a personal note on GABA<sub>B</sub> receptor drug discovery

09:45 **Klemens Kaupmann:** The cloning of GABA<sub>B</sub> receptors

10:15 **Hans Bräuner:** My journey from GABA<sub>B</sub> receptors to GPRC6A

10:45 **Networking break**

11:15 **Bernd Fakler:** GABA<sub>B</sub> receptors - from interactome of a native GPCR to complexome profiling

11:45 **Qing R Fan:** Molecular Mechanisms of Dimeric GPCR Signaling – Cryo-EM Approaches

12:15 **Ryuichi Shigemoto:** Asymmetrical modulation of fear expression via GABA<sub>B</sub> receptors in the mouse medial habenula

12:45 **Lunch break**

13:45 *Novel concepts towards drug discovery*

13:45 **Jean-Philippe Pin:** Nanobody immunotherapy rescues behavioral deficits in NMDA hypofunction schizophrenia models

14:15 **Kristian Strømgaard:** Targeting protein-protein interactions of receptor complexes with therapeutic peptides

14:45 **Marius Hoener:** Angelman syndrome patient-derived neuron screen leads to clinical antisense oligonucleotide rugonersen targeting UBE3A-ATS with long lasting effect in monkey

15:15 **Bernhard Bettler:** *De novo* disease-causing mutations in the GABA<sub>B</sub> receptor complex

15:45 Closing remarks

16:00 **Apéro & industry-academia networking**

Seats are limited - please register by 31.08.25 [here!](#)

