



SAFER

A European PhD Training Network to identify selective serotonin
receptor 5-HT_{2A} agonists towards safer drugs

SAFER SYMPOSIUM

Date: Friday February 23rd 2018: Time 12.30-17.30

Venue: Nielsine Nielsen Auditorium, Mærsk Tower, Blegdamsvej 3B, Copenhagen

In the frame of the SAFER PhD Training Network we kindly invite you to this symposium within the area of CNS receptors and ligand discovery. The symposium will give insights in the molecular interactions and selectivity in stimulation of GPCRs, e.g. the serotonin 5-HT_{2A} receptor – the primary target for many CNS-related disorders and hallucinogens, and give a view on further directions from chemistry to clinic.

Participation is free of charge and is open for attendance by all interested parties. No registration is required.

AGENDA

Session 1: Chairman, *Prof. Jesper Kristensen, University of Copenhagen*

12:30 **Introduction to SAFER - background and goals.**

Prof. Jesper Kristensen (UCPH)

13:00 **Some Molecular Details of the Action of LSD.**

Prof. David Nichols, Purdue University, USA

13:40 **From chemistry to clinic: orphan GPCRs and discovery of biased agonists at the apelin receptor.**

Prof. Anthony Davenport, University of Cambridge, UK

14:20 Coffee break

Session 2: Chairman, *Assoc. Prof. David Gloriam, University of Copenhagen*

14:40 **Aquaporin protein:protein interactions**

Assoc. Prof. Susanna Horsefield, Lund University, Sweden

15:20 **GPCR Structural Cheminformatics Workflows for Computer-Aided Drug Discovery**

Ass. Prof. Chris de Graaf, VU Amsterdam, NL

16:00 **5-HT_{2A} modulators in the IUPHAR/BPS Guide to PHARMACOLOGY, GPCRdb and other bioactive chemistry databases: so whats out there?**

Dr. Christopher Southan, IUPHAR/BPS, University of Edinburgh, UK

16:40-17:30 After-symposium refreshment



SAFER is funded by EU's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 765657.