



GROUP LEADERS

Prof. Dr. Steven Staelens (Molecular Imaging)
Prof. Dr. Sigrid Stroobants (Nuclear Medicine)
Prof. Dr. Filipe Elvas (Radiopharmacy)

RESEARCH AREAS

Radiotracer development
Molecular Imaging using PET-CT and SPECT-CT
Quantitative pharmacokinetic modelling

LOCATIONS

Campus Drie Eiken, Building UC 0.60
Antwerp University Hospital - Nuclear
Medicine Department, route 11

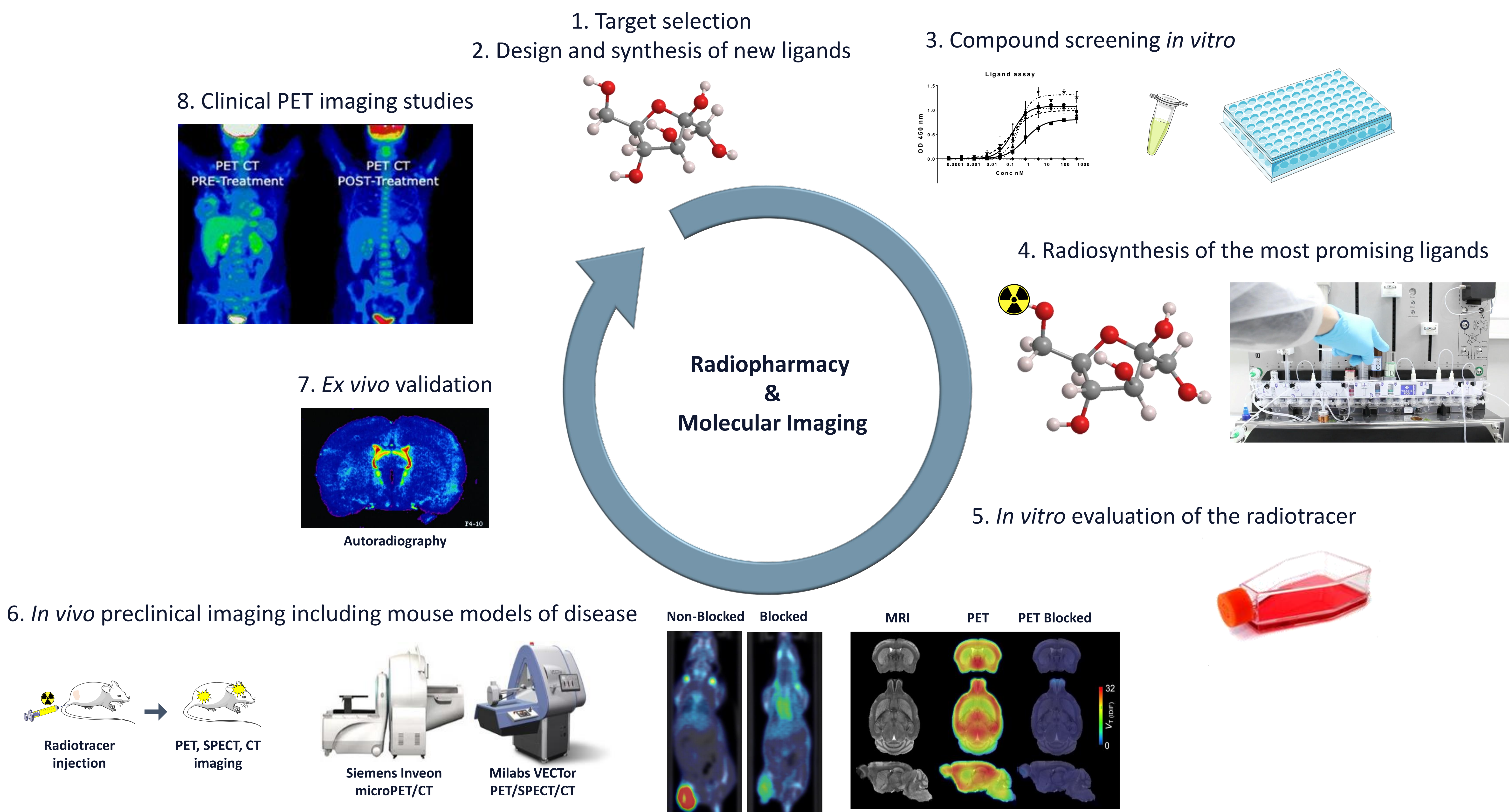
CONTACT

Neuroimaging: steven.staelens@uantwerpen.be
Engineering: alan.mirandamenchaca@uantwerpen.be
Radiopharmacy: filipe.elvas@uantwerpen.be

RESEARCH FOCUS

The Molecular Imaging Center Antwerp (MICA) is a multidisciplinary team focusing on translational molecular imaging of neurological and oncological processes using PET and SPECT in animal models of disease. Center for Radiopharmaceuticals Antwerp (CREANT) focuses on the development and (pre)clinical evaluation of radiotracers and cancer treatments.

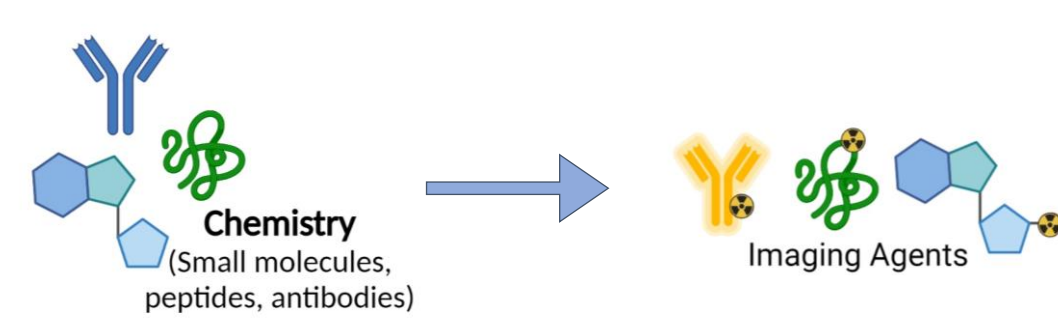
FROM BENCH TO BEDSIDE



RESEARCH PROJECTS

Tracer development

RADIOTRACER DEVELOPMENT AND EVALUATION

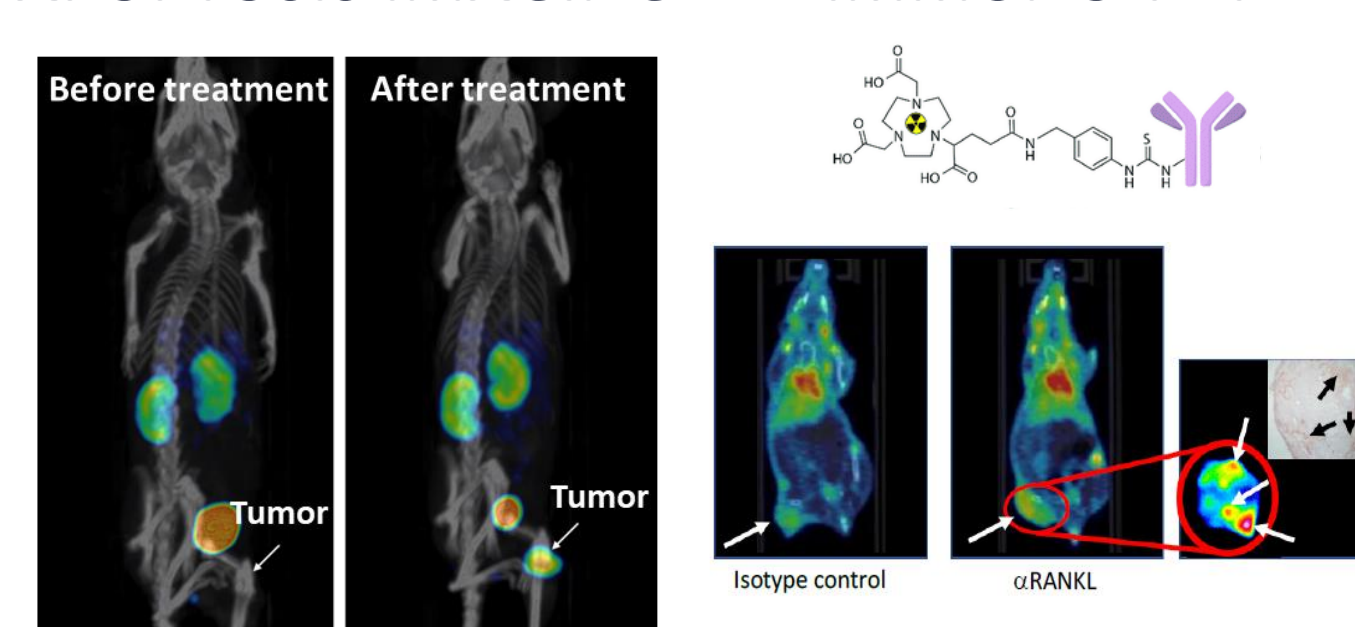


RESEARCH TEAM

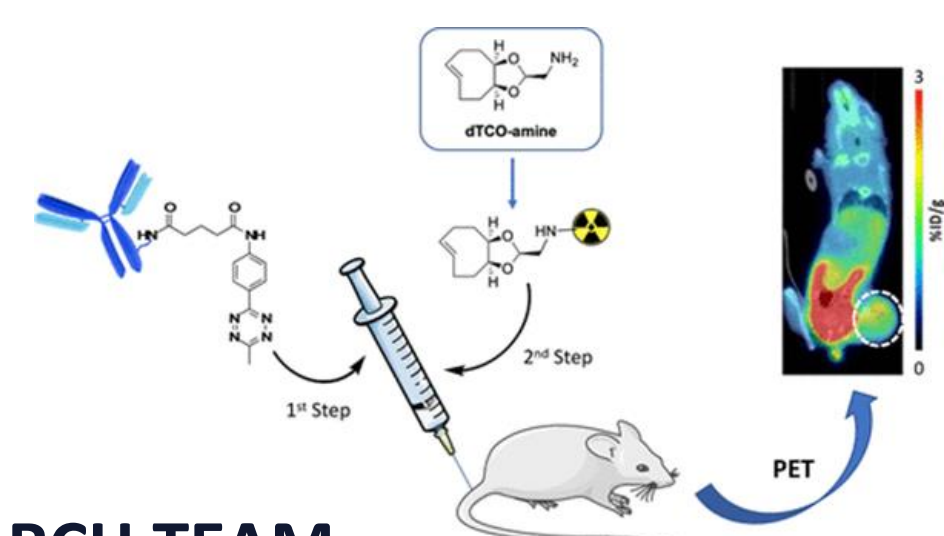
Prof. Dr. Filipe Elvas
Dr. Gustavo da Silva, Dr. Christel Vangestel
PhD fellows: Louis Lauwerys, Karuna Adhikari, Maarten Vanermen, Noémie Mourot

Oncology

APOPTOSIS IMAGING IMMUNO-PET



PRETARGETED IMAGING AND TREATMENT

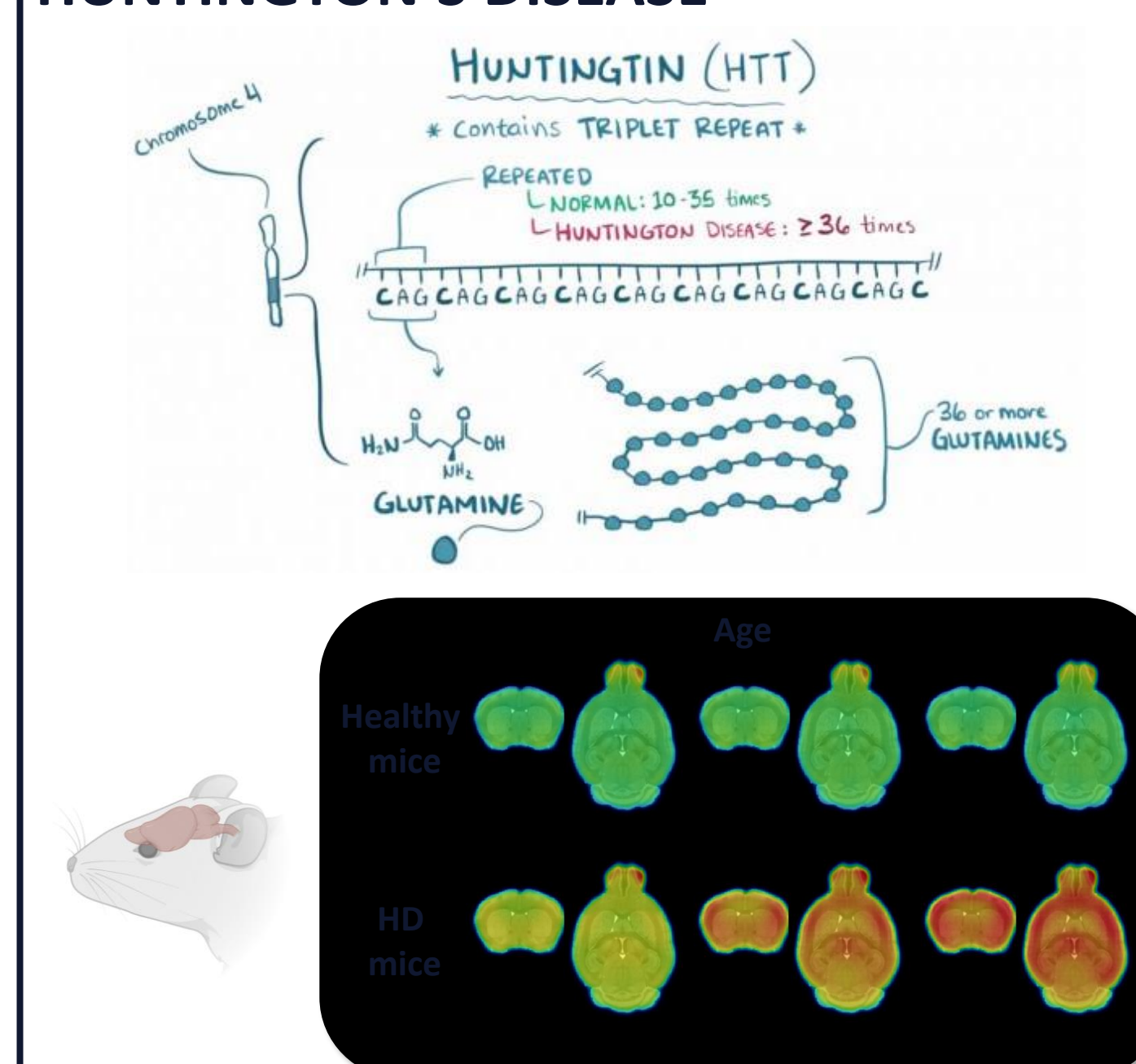


RESEARCH TEAM

Prof. Dr. Filipe Elvas
Prof. Dr. Tim Van den Wyngaert
PhD fellows: Louis Lauwerys, Karuna Adhikari, Maarten Vanermen, Noémie Mourot

Neuroimaging

HUNTINGTON'S DISEASE



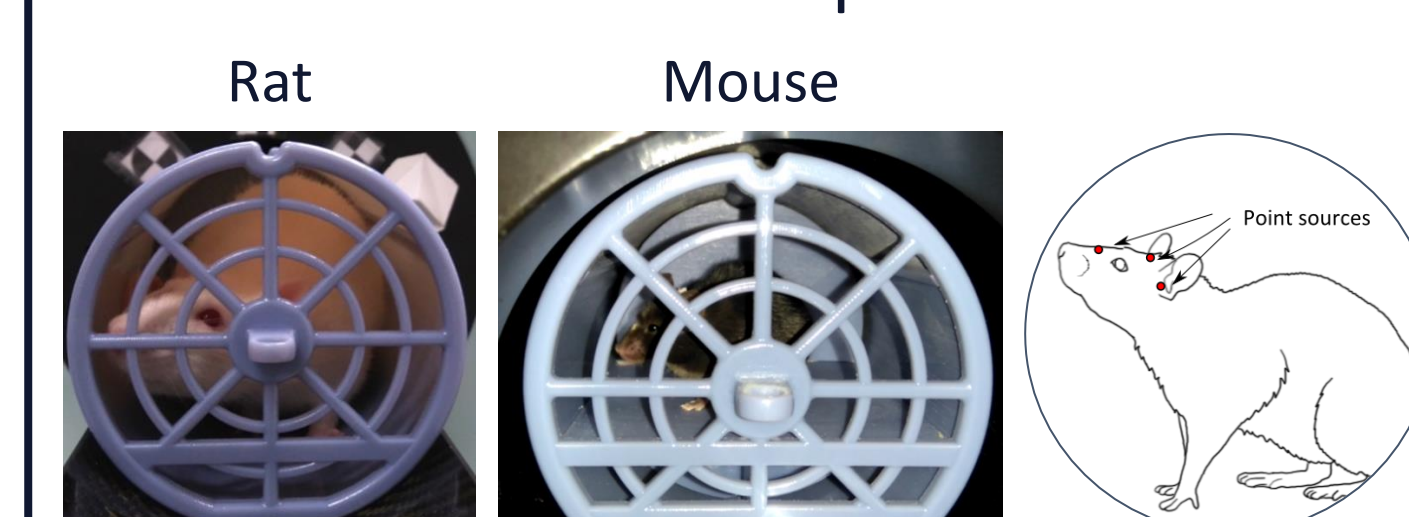
RESEARCH TEAM

Prof. Dr. Steven Staelens
PhD fellows: Franziska Zajicek, Liesbeth Everix, Jordy Akkermans

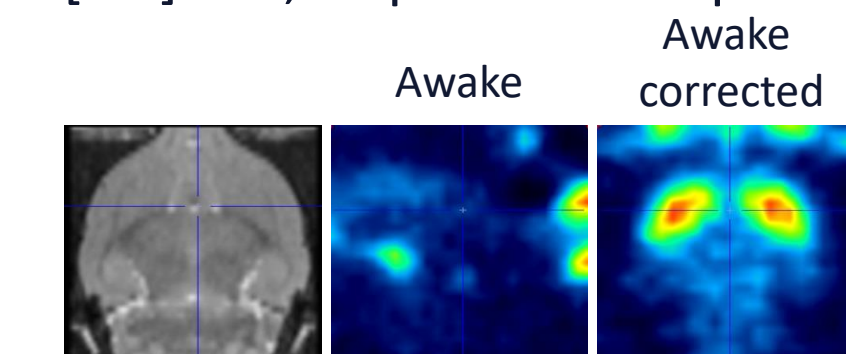
Engineering

AWAKE SCANNING

Awake imaging technique invented at UAntwerpen



[¹¹C]RAC, Dopamine receptors



RESEARCH TEAM

Prof. Dr. Jeroen Verhaeghe
Dr. Alan Miranda Menchaca

