



Learn & Improve Professional Skills Session 11

Neuroimaging Committee

Tuesday, October 7, 15:00 – 16:30

Session Title

Crazy Enough to Do Molecular Imaging in Psychiatric Disorders?

Chairpersons

Gitte Knudsen (Copenhagen, Denmark)

Eric Guedj (Marseille, France)

Programme

- 15:00 – 15:25 **Gitte Knudsen** (Copenhagen, Denmark): The current need of biomarkers in psychiatry
- 15:25 – 15:50 **Francesco Fraioli** (London, United Kingdom): The current use of PET/SPECT imaging in psychiatry
- 15:50 – 16:10 **Rupert Lanzenberger** (Vienna, Austria): Perspectives for news paradigm of acquisition
- 16:10 – 16:30 **Jan Booij** (Amsterdam, Netherlands): Perspectives for new targets and new indication

Educational Objectives

1. Understanding the Role of Molecular Imaging in Psychiatry
2. Analyzing Clinical and Research Applications of Molecular Imaging
3. Exploring New Perspectives and Technological Advances

Summary

This session will explore the current and future applications of molecular PET and SPECT imaging in psychiatry, highlighting their role in elucidation of neurobiological mechanisms, as well as in biomarker discovery, functional brain assessment, and therapeutic monitoring. Experts will discuss recent advancements in imaging acquisition, new radiotracers, and potential clinical applications, paving the way for more personalized approaches in psychiatric care.

Key Words

Molecular Imaging; PET/SPECT Imaging; Neuroimaging; Biomarkers in Psychiatry; Psychiatric Disorders; Functional Imaging; Neurotransmitter Systems; Brain Metabolism; New Imaging Paradigms; Innovative Radiotracers