Joint Symposium 27
Neuroimaging Committee / Japanese Society of Nuclear Medicine (JSNM)
Accessible on-demand at any time

Session Title
Advances in Molecular Imaging of Neurodegenerative Disorders

Chairperson
Henryk Barthel (Leipzig, Germany)

Programme
25 min  Leonie Beyer (Munich, Germany): Advances in Tau Imaging
20 min  Ryuichi Harada (Sendai, Japan): Advances in MAO-B Imaging
20 min  Koen Van Laere (Leuven, Belgium): Advances in Synaptic Density Imaging
22 min  Maiko Ono (Chiba, Japan): Advances in Alpha-Synuclein Imaging
3 min  Session Summary by Chairperson

Educational Objectives
1. Get an overview on the challenges related to the development of new tracers to image neurodegeneration
2. Learn the recent developments in molecular imaging of dementia
3. Understand progress made in molecular imaging of movement disorders

Summary
Molecular imaging of neurodegenerative disorders is one of the most innovative fields in nuclear medicine. This is while \(^{18}F\)FDG PET, dopamine transporter SPECT and amyloid PET are well established. In this symposium, we will discuss novel tracer developments towards tau, MAO-B, synaptic density and alpha-synuclein imaging.

Key Words
Neurodegeneration, tau, MAO-B, synaptic density, alpha-synuclein