

Seminar

iBrain



Thursday, October 29th

10:00-11:00

Amphi B, School of Medicine

Design, synthesis and evaluation of PET tracers targeting α -synuclein, a rational approach



Albert D. Windhorst, Prof.
Amsterdam UMC

Bert Windhorst, PhD, is Professor of Radiopharmaceutical Chemistry at **Amsterdam UMC** and Director of the **Tracer Center Amsterdam**. He is an internationally recognized expert in the development and clinical translation of radiopharmaceuticals and PET tracers. His research spans the entire radiopharmaceutical development pipeline, from radionuclide production and innovative radiochemistry to tracer design, preclinical evaluation, and clinical implementation, with major applications in **oncology, neuroscience, neuroinflammation, and neurodegenerative diseases**. Throughout his career, he has contributed to the development and clinical introduction of **more than 60 novel PET tracers**. He has extensive experience in coordinating large national and European collaborative research programs and currently coordinates the European **Immune-Image consortium**, involving 23 partners and approximately €30 million in funding. He has authored **more than 300 scientific publications**, holds several patents, and is a **Fellow of the Society of Radiopharmaceutical Sciences**. His contributions to the field were recognized with the **ISRS President Award in 2023**.

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