

Dear colleagues,

we are delighted to invite you to the second Molecular Imaging of Neurodegeneration Cologne (MINC) symposium with the guiding theme:

A synopsis on translational imaging of neurodegeneration.

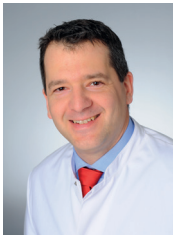
We are pleased to announce a colourful programme comprising numerous talks held by nationally and internationally renowned speakers from different fields of research, including preclinical and clinical imaging, translational neuroscience, and neuro-immunology. Moreover, this time early career scientists will have the opportunity to present their research in a data blitz format.

We are looking forward to welcoming all interested colleagues on October 18th – 19th 2018 in Cologne.

Sincerely,



Prof. Dr. Alexander Drzezga
Director
Department of Nuclear Medicine
University Hospital of Cologne



Prof. Dr. Thilo van Eimeren
Multimodal Neuroimaging Group
Department of Nuclear Medicine
University Hospital of Cologne



» Date

October 18th - 19th 2018



» Venue

Park Inn by Radisson Köln City West
Innere Kanalstraße 15
50823 Cologne, Germany
koeln@provenhotels.com

For registration and abstract submission, please go to: minc.uk-koeln.de



» Coordinator

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2nd MINC-Symposium

From Molecules
to System Failure

A synopsis on translational
imaging of neurodegeneration

Day 1 - Thursday, October 18th

8:30 Welcome
Alexander Drzezga, Cologne

Session 1 – Cause & Effect of Tau Pathology Chairs: A. Drzezga, V. Villemagne

8:35 Highlight Lecture:
Tau-PET, imaging a causal pathology?
Oskar Hansson, Lund, Sweden

9:15 Tau – Cellular function and consequences of dysfunction
Eckhard Mandelkow, Bonn

9:45 Tau-PET in primary tauopathies
James Rowe, Cambridge, UK

10:15 Data Blitz
Selected Abstract

10:30 Coffee break

Session 2 – Inflammation, Friend or Foe? Chairs: H. Barthel, G. Bischof

11:00 The role of neuroinflammation in ageing and neurodegeneration
Delphine Boche, Southampton, UK

11:30 Imaging neuroinflammation in Alzheimer's disease
Elena Rodriguez-Vieitez, Stockholm, Sweden

12:00 Imaging neuroinflammation in Parkinson's disease
Alexander Gerhard, Manchester, UK

12:30 Data Blitz
Selected Abstract

12:45 Lunch

Session 3 – Transmitter Imaging & Modelling Chairs: H. Endepols, O. Sabri

14:00 Quantitative PET imaging and why it is so important
Adriaan Lammertsma, Amsterdam, NL

14:30 Serotonergic changes in primate models of Parkinson's disease
Bénédicte Ballanger, Lyon, France

15:00 Central and peripheral neurotransmitter changes in Parkinson's disease
Per Borghammer, Aarhus, Denmark

15:30 Data Blitz
Selected Abstract

15:45 Coffee break

Session 4 - α -Synuclein in Parkinson's Disease Chairs: G. Höglinger, A. Strafella

16:05 Highlight Lecture:
Biomarkers in prodromal Parkinson's disease
Brit Mollenhauer, Göttingen

16:45 α -synuclein: a troublesome traveller
Donato di Monte, Bonn

17:15 α -synuclein tracer development: Where are we?
Bernd Pichler, Tübingen

17:45 Data Blitz
Selected Abstract

Day 2 - Friday, October 19th

8:30 Welcome
Thilo van Eimeren, Cologne

Session 5 - Bio-designed PET Tracers Chairs: T. van Eimeren, K. Herholz

8:35 Cryo-EM structures of tau filaments from the human brain
Michel Goedert, Cambridge, UK

9:05 Single-domain antibodies for diagnosis of Alzheimer's disease
Pierre Lafaye, Paris, France

9:35 Antibody-based PET imaging of amyloid in rodents
Stina Syvänen, Uppsala, Sweden

10:05 Data Blitz
Selected Abstract

10:20 Poster Session
with coffee and presenters at poster

Session 6 – Cause & Effect of Amyloid Pathology Chairs: H. Boecker, D. Willbold

11:00 Amyloid imaging in rodents
Axel Rominger, Munich

11:30 Amyloid in persons at risk of Alzheimer's disease
Frank Jessen, Cologne

12:00 Data Blitz
Selected Abstract

12:15 Lunch

Session 7 – From Diagnosis to Therapy Chairs: F. Jessen, D. Cross

13:30 New strategies to fight amyloid pathology
Dieter Willbold, Jülich

14:00 Fighting the spread of protein pathology. Are exosomes the key?
Anja Schneider, Bonn

14:30 Targeting tau pathology
Eva-Maria Mandelkow, Bonn

15:00 Data Blitz
Selected Abstract

15:15 Coffee Break

Session 8 – From Damage to Dysfunction Chairs: F. Barkhof, Ö. Onur

15:35 Highlight Lecture:
Multimodal MR imaging in rare neurodegenerative diseases
Kathrin Reetz, Aachen

16:15 Functional compensation in rodent models of Parkinson's disease
Heike Endepols, Cologne

16:45 Influence of local tau pathology on hippocampus function
Juraj Kukolja, Cologne

17:15 Data Blitz
Selected Abstract

17:30 Concluding Remarks & Farewell