

Dear colleagues,

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

Uncharted Territories of Imaging in Neurodegeneration - Precision Medicine, Selective Vulnerability & Cellular Clearance Mechanisms

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. We aim to attract young researchers.

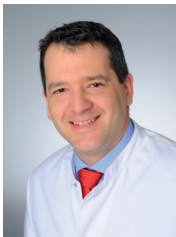
Abstract submissions will therefore be presented as posters and eight submissions will be selected for oral presentations (Data Blitz) by the scientific committee.

We are looking forward to welcoming all interested colleagues on May 14th - 15th 2020 in Cologne, Germany.

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

May 14th - 15th 2020



» Location

Leonardo Royal Hotel Köln
Dürener Str. 287, 50935 Köln
Cologne, Germany



» Coordinator

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



**UNIKLINIK
KÖLN**



3rd MINC-Symposium

Uncharted Territories
of Imaging in
Neurodegeneration

Funded by: **DFG** Deutsche Forschungsgemeinschaft

In cooperation with:



Day 1 - Thursday, May 14th

- 11:20 Registration and Light Lunch**
12:00 Welcome
Alexander Drzezga, Cologne, Germany

Session 1 – A.I. and Precision Medicine

Chairs: TBA

- 12:05 A Role of A.I. for Molecular Brain Imaging**
Satoshi Minoshima, Utah, USA
12:35 FDG as a Tool for Precision Medicine
Javier Arbizu, Pamplona, Spain
13:05 Precision Medicine for MR-Imaging
Christoph Scherfler, Innsbruck, Austria
13:35 Data Blitz
Selected Abstract
13:50 Data Blitz
Selected Abstract
14:05 Coffee Break

Session 2 – Exploration of Borderlands

Chairs: TBA

- 14:30 Linking Brainstem and Molecular Changes in Aging and AD**
Heidi Jacobs, Maastricht, Netherlands
15:00 Variable Pathways of Cognitive Decline in PD
María Cruz Rodríguez Oroz, Pamplona, Spain
15:30 Alpha-Synuclein in Lewy Body Dementias
Inga Zerr, Göttingen, Germany
16:00 Data Blitz
Selected Abstract
16:15 Data Blitz
Selected Abstract

Session 3 – Hot New Tracers

Chairs: TBA

- 16:30 New Tau PET Tracers. Challenges managed?**
Michael Schöll, Gothenburg, Sweden
17:00 Imaging Neuroinflammation: Current Status and Future Perspectives
Adriaan Lammertsma, Amsterdam, Netherlands

- 17:30 The Promise of Synaptic Density Tracers**
Richard Carson, New Haven, USA
18:00 Data Blitz
Selected Abstract

Day 2 – Friday, May 15th

- 8:30 Welcome back**
Thilo van Eimeren, Cologne, Germany

Session 4 – Confused LATE-ly?

Chairs: TBA

- 8:35 TDP-43 as a Primary Pathology**
Manuela Neumann, Tübingen, Germany
9:05 LATE and Mixed Protein Pathologies
Irina Alafuzoff, Uppsala, Sweden
9:35 Data Blitz
Selected Abstract
9:50 Poster Session
with coffee and presenters at poster

Session 5 – Selective Vulnerability

Chairs: TBA

- 11:00 Transferring the Anti-prionic Principle of PRI-002 to Tauopathies**
Dieter Willbold, Jülich, Germany
11:30 Regional Determinants of Pathology
Michel Grothe, Rostock, Germany
12:00 Connectome Perspective of Neurodegeneration
Olaf Sporns, Indiana, USA
12:30 Data Blitz
Selected Abstract
12:45 Lunch

Session 6 – Cellular Mechanisms

Chairs: TBA

- 14:00 Sleep and Neurodegeneration**
Andreas Bauer, Jülich, Germany
14:30 Neurodegeneration and the Glymphatic System
Iben Lundgaard, Lund, Sweden

- 15:00 Histone Deacetylase 6 Brain Mapping**
Koen van Laere, Leuven, Belgium
15:30 Data Blitz
Selected Abstract

- 15:45 Young Investigator Award and Farewell**

Scientific Committee includes:

Agneta Nordberg, Stockholm, Sweden
Anja Schneider, Bonn, Germany
Günter Höglinger, Hannover, Germany
Henryk Barthel, Leipzig, Germany
James Rowe, Cambridge, UK
Karl Herholz, Manchester, UK
Michael Ewers, Munich, Germany
Osama Sabri, Leipzig, Germany
Stéphane Lehéricy, Paris, France
Stina Syvänen, Uppsala, Sweden
Victor Villemagne, Melbourne, Australia