



3rd MINC Symposium Multimodal Imaging in Neurodegeneration Cologne



Uncharted Territories
of Imaging in
Neurodegeneration



» Important Dates

- › **June 1st** Early Bird Registration & Abstract Submission Opens
- › **September 15th** Early Bird Registration & Abstract Submission Closes
- › **October 6th** Abstract Notification
- › **November 12th** Regular Registration Closes



» Coordinator

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» Date

12th-13th December 2024

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



» Venue

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

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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

We are pleased to announce a colourful programme comprising numerous talks held by internationally renowned speakers from different fields of research, including preclinical and clinical imaging, sleep and brain clearance, fluid biomarkers and translational neuroscience.

We aim to attract young researchers. Abstract submissions will be presented as posters with the opportunity to win a poster award. Additionally, the top four submissions will be selected for oral presentations (Data Blitz) by the scientific committee.

On top, December 12th-13th is also the perfect opportunity to visit Cologne's famous Christmas Markets. We are looking forward to welcoming you during the most delightful season of the year.

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

Day 1 - Thursday, December 12th

13:00 Industry Symposium
Imaging Biomarkers in Neurodegenerative Disorders – The Industry Perspective

14:30 Coffee Break

Session 1 – Sleep and Brain Clearance

Chairs: TBA; M. Höning, Cologne

15:00 Sleep-Wake (Dys-)Regulation
Daniel Aeschbach, Bonn, Germany

15:25 Imaging the Neurochemistry of Sleep
David Elmenhorst, Cologne, Germany

15:50 Neurodegeneration and the Glymphatic System
Iben Lundgaard, Lund, Sweden

16:15 Imaging Brain Clearance
Alexander Radbruch, Bonn, Germany

16:40 Data Blitz
Top Abstract

16:55 Coffee Break

Session 2 – Brainstem Pathology

Chairs: B. Draganski, Bern; G. N. Bischof, Cologne

17:15 Brainstem Changes in Aging and AD
Heidi Jacobs, Maastricht, Netherlands

17:40 Brainstem Changes in Lewy-Body Diseases
Stéphane Léhéricy, Paris, France

18:05 COVID and Brainstem Pathology
Roberto Cilia, Milan, Italy

18:20 Data Blitz
Top Abstract

18:35 Poster Session and Reception

20:00 End

Day 2 - Friday, December 13th

08:30 Welcome

Session 3 – Confused LATE-ly?

Chairs: Ö. Onur, Cologne; J. Levin, Munich

08:40 LATE and Mixed Protein Pathologies
Gabor Kovacs, Toronto, Canada

09:05 Alpha-Synuclein: One or Many?
Tiago Outeiro, Göttingen, Germany

09:30 Data Blitz
Top Abstract

09:45 Data Blitz
Top Abstract

10:00 Coffee Break

Session 4 – Cellular Metabolism in AD and PD

Chairs: G. Höglinger, Munich; G. Fink, Cologne

10:30 Lysosomal Pathways
Friederike Zunke, Erlangen, Germany

10:55 Autophagosomal Pathways
Natalia Kononenko, Cologne, Germany

11:20 Imaging the Metabolic Brain
Marc Tittgemeyer, Cologne, Germany

11:45 Data Blitz
Top Abstract

12:00 Lunch

Session 5 – Biomarkers: PET vs. Fluids

Chairs: TBA; A. Ramirez, Cologne

13:00 Alpha-Synuclein in Body Fluids
Brit Mollenhauer, Göttingen, Germany

13:25 We need Alpha-Synuclein PET
Johannes Levin, Munich, Germany

13:50 AD Biomarkers in Body Fluids
Kaj Blennow, Gothenburg, Sweden

14:15 We need PET Biomarkers in AD
Michael Schöll, Gothenburg, Sweden

14:40 Awards and Farewell

15:00 End