

SCIENTISTS FOR THE NBIA COMMUNITY

THE 1ST INTERNATIONAL NBIA CONFERENCE IN POLAND

October 19, 2023 (Thursday)

08.30 - 10.00 Registration of conference participants

Session 1 Opening session

Session chair: Iwona Kurkowska-Jastrzębska

10.00 - 10.10 Start of the conference

10.10 - 11.10 Session topic: MPAN - Clinical and laboratory research

10.00 - 10.10 Maciej Cwyl/Fatemeh Mollet NBIA Poland/NBIA Switzerland
Welcome speech

10.10 - 10.40 Marta Skowrońska Institute of Psychiatry and Neurology, Poland
MPAN Pre-Clinical Trials

10.40 - 11.10 Mariusz Więckowski Institute of Nencki Polish Academy of Sciences, Poland
Research biological material MPAN

11.10 - 11.30 Coffee break

Session 2

Session chair: Susanne Schneider

11.30 - 13.00 Session topic: BPAN - Clinical and laboratory research

11.30 - 12.00 Grzegorz Węgrzyn University of Gdańsk, Poland
PKAN, MPAN, BPAN, PLAN; Pre-Clinical Trials

12.00 - 12.30 Magdalena Chrościńska-Krawczyk University Children's Hospital, Poland
BPAN Clinical Trials

12.30 - 13.00 Arzu Karabay Korkmaz Istanbul Technical University, Turkey
Cellular Effects of Kufor Rakep Syndrome Mutations

13.00 - 14.00 Lunch break

Session 3

Session chair: Mariusz Więckowski

14.00 - 15.30 Session topic: PKAN - Clinical and laboratory research

14.00 - 14.30 Susanne Schneider Ludwig-Maximilians-University of Munich, Germany
NBIA Trial readiness

14.30 - 15.00 Tomasz Kmiec Institute „Children's Health Center”, Poland
Genotype and phenotype in PKAN patients

15.00 - 15.30 Thomas Klopstock Ludwig-Maximilians-University of Munich, Germany
Natural history of PKAN

15.30 - 15.50 Coffee break

Session 4

Session chair: Grzegorz Węgrzyn

15.50 - 17.50 Session topic: NBIA - Clinical and laboratory research

15.50 - 16.20 Joanna Janicka-Rachtan Warsaw University of Life Sciences, Poland
Nutrition and diet in NBIA - from nutritional assessment to dietary
recommendations

16.20 - 16.50 Małgorzata Syczewska Institute "Children's Health Center", Poland
Gait and balance impairment in NBIA patients

16.50 - 17.20 Mario Mauthe University of Groningen, Netherlands
WDR45's role in autophagy and beyond

17.20 - 17.50 Lena Burbulla Ludwig-Maximilians-University of Munich, Germany
Vicious cycle of iron dyshomeostasis and dopamine oxidation in BPAN
patient dopaminergic neurons

17.50 - 18.00 Break

18.00 - 18.30 Meeting with the title sponsor

Presentation of the company / equipment / products

19.00 - 23.00 Gala dinner

October 20, 2023 (Friday)

07.30 - 08.45 Breakfast

Session 5

Session chair: Marta Skowrońska
09.00 - 10.30 Session topic: NBIA General

- 09.00 - 09.30 Anna Stęplowska Intensive Therapy Center - Olinek, Poland
NBIA - Physiotherapy Assessment of Disease Progression
- 09.30 - 10.00 Zuhai Yapici Istanbul University, Turkey
Presentation of the NBIA group from Turkey
- 10.00 - 10.30 Agnieszka Dobrzyń Institute of Nencki Polish Academy of Sciences, Poland
Research biological material MPAN
- 10.30 - 10.50 Coffee break

Session 6

Session chair: Agnieszka Dobrzyń
10.50 - 12.20 Session topic: MPAN - Clinical and laboratory research

- 10.50 - 11.20 Ana Messias Helmholtz Zentrum München, Germany
C19orf12: Structural biology aspects
- 11.20 - 11.50 Arcangela Iuso Helmholtz Zentrum München, Germany
Autophagy screening in MPAN (follow up data)
- 11.50 - 12.20 Lecture slot available
- 12.20 - 12.30 Break
- 12.30 - 12.45 Meeting with patients and pharmaceutical company
- 12.45 - 13.00 Meeting with CoA Therapeutics/BridgeBio
- 13.00 - 14.00 Lunch break

Session 7

Session chair: Arcangela Iuso
14.00 - 15.30 Session topic: MPAN

- 14.00 - 14.30 Yuzuru Imai Juntendo University Graduate School of Medicine, Japan
Altered lipid metabolism and autophagy-lysosome pathway in MPAN deficient flies
- 14.30 - 15.00 Manju Kurian UCL Great Ormond Street Institute of Child Health, UK
Gene therapies in NBIA - development trends
- 15.00 - 15.30 Barbara Gnutti / Dario Finazzi University of Brescia, Italy
C19orf12 zebrafish or study on C19orf12 isoforms
- 15.30 - 15.50 Coffee break

Session 8

Session chair: Valeria Tiranti
15.50 - 17.20 Session topic: PKAN - Clinical and laboratory research

- 15.50 - 16.20 Iwona Kurkowska – Jastrzębska Institute of Psychiatry and Neurology, Poland
Biomarkers in neurodegenerative diseases
- 16.20 - 16.50 Susan Hayflick / Penelope Hogarth Oregon Health & Science University, USA
CoA-Z, clinical research report
- 16.50 - 17.20 Sonia Levi Vita-Salute San Raffaele University, Italy
iPS-derived astrocytes as model to study iron deposition in NBIA
- 17.20 - 17.30 Break

Session 9

Closing session

Session chair: Thomas Klopstock
17.30 - 18.40 Closing of the lecture. Session topic: NBIA General

- 17.30 - 18.00 Karolina Pierzynowska University of Gdańsk, Poland
Therapies using mitophagy in NBIA neurodegenerations
- 18.00 - 18.30 Valeria Tiranti IRCCS Carlo Besta Neurological Institute, Italy
Research on COPAN
- 18.30 - 18.40 Fatemeh Mollet/Maciej Cwyl NBIA Poland/NBIA Switzerland
Summarizing speech
- 19.00- 21.00 Dinner

End

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