



Clinical and biochemical aspects of primary and secondary hyperammonemic disorders

Warsaw, June 3, 2022

Conference Program

- 9:30 **Welcome & Introduction** (prof. M. Zielińska, MMRI PAS, Neurotoxicology Dept., Warsaw, Poland)
- Session I
Chair: prof. M. Zielińska and dr A. Czarnecka, MMRI PAS, Neurotoxicology Dept., Warsaw, Poland
- 9:30 – 9:50 **Biochemical background of ammonia neurotoxicity**
dr M. Obara-Michlewska; MMRI PAS, Neurotoxicology Dept., Warsaw, Poland
- 9:50 – 10:10 **Genetic background of hyperammonemias and the diagnostic approach in the era of next-generation sequencing**
prof. M. Bik-Multanowski, JUMC, Cracow, Poland
- 10:10 – 10:30 **The clinical picture of primary hyperammonemias in Poland - an update**
dr D. Rokicki, IPCZD, Warsaw, Poland
- 10:30 – 10:50 **Neuropsychological and cognitive deficits in the course of hyperammonemias**
dr A. Barczak, MMRI PAS, Warsaw, Poland
- 10:50 – 11:10 **Imaging of hyperammonemia-associated brain damage**
prof. O. Braissant, UNIL, Lausanne, Switzerland
- 11.10 - 11.30 Break
- PLENARY LECTURE
- 11.30 - 12.30 **Present standards for diagnosis and treatment of congenital hyperammonemia and future prospects**
prof. Johannes Häberle, University Children's Hospital Zurich, Switzerland
- 12.30-12.50 Break
- Session II
Chair: prof. M. Zielińska and dr M. Obara-Michlewska; MMRI PAS, Neurotoxicology Dept., Warsaw, Poland
- 12:50 – 13:10 **Primary hyperammonemias detected by newborn screening in Poland**
prof. J. Sykut-Cegielska, IMC, Warsaw, Poland
- 13:10 – 13:30 **Treatment and therapy of metabolic disorders associated with hyperammonemia**
dr D. Rokicki, IPCZD, Warsaw, Poland
- 13:30 – 13:50 **In search of a common denominator in the course of primary hyperammonemias**
dr A. Czarnecka, MMRI PAS, Neurotoxicology Dept., Warsaw, Poland
- 13:50 – 14:10 **Liver transplantation in primary hyperammonemias**
prof. I. Jankowska, IPCZD, Warsaw, Poland
- 14:10 – 14:30 **Polish experience with liver transplantation and post-transplant outcomes in children with urea cycle disorders**
dr Edyta Szymańska, IPCZD, Warsaw, Poland

Conference venue: IPCZD Warsaw, Poland

