

## 4th Biennial **EPNS** Caucasus Teaching Course: **A web-based event**

**Topic:** Neuro-metabolic diseases in childhood

**Dates:** 13 and 14 November 2020

**Local Organizers:** Ass Prof. Sophia Bakthadze (Tbilisi Georgia)  
Ass. Prof. Biayna Sukhudyan (Yerevan, Armenia)

**Scientific moderators:** Prof. Barbara Plecko (Graz, Austria)  
Prof. Michel Willemsen (Nijmegen, the Netherlands)

### **Faculty:**

Prof. Barbara Plecko (Graz, Austria)

Prof. Michel Willemsen (Nijmegen, the Netherlands)

Prof. Clara van Karnebeek (Nijmegen, the Netherlands)

Prof. Andreas Hahn (Giessen, Germany)

Ass Prof. Coriene Catsman-Berrevoets (Rotterdam, the Netherlands)

Prof. Sophia Bakthadze (Tbilisi Georgia)

Dr. Biayna Sukhudyan (Yerevan, Armenia)

**Technical support by WINGLET**

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**13 November 2020**

**Clinical presentation and diagnosis of Neurometabolic diseases**

<b>CET</b>	<b>Tbilisi time</b>		
11.00h	14.00h	Introduction and Welcome (role EPNS)	Coriene Catsman
11.15- 11.35	14.15- 14.35	Introduction to metabolic disorders	Barbara Plecko
11.35 – 12.00	14.35-15.00	Early onset metabolic encephalopathies	Barbara Plecko
12.05-12.45	15.05-15.45	Late onset metabolic encephalopathies; a diagnostic approach	Andreas Hahn
12.50- 13.35	15.50- 16.35	Three cases	Participants and Faculty
13.35-13.50	16.35-16.50	SHORT BREAK	
13.50-14.35	16.50-17.35	Leukodystrophies: diagnosis, MRI pattern recognition approach	Biayna Sukhudyan
14.40-15.25	17.40-18.25	Metabolic diseases presenting with movement disorders	Michel Willemsen
15.30-16.15	18.30-19.15	Neurometabolic diseases: the new diagnostic era (X-omics)	Clara van Karnebeek
16.15-17.00	19.15-20.00	General discussion on day lectures	Faculty and participants (life Zoom)

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## 14 November 2020 Treatment options in Neurometabolic diseases

<b>CET</b>	<b>Tblisi time</b>		
9.00-9.45	12.00-12.45	Treatable intellectual developmental disorders	Clara van Karnebeek
9.50-10.35	12.50-13.35	Metabolic diseases beginning with myoclonus and seizures, the role of the ketogenic diet	Sophia Bakhtadze
10.40-11.30	13.40-14.30	Three cases	Participants and Faculty
11.30-12.00	14.30-15.00	SHORT BREAK	
12.00-12.45	15.00 -15.45	Leucodystrophies: treatment options	Biayna Sukhudyán
12.50-13.35	15.50-16.35	Movement disorders and dopamine	Michel Willemsen
13.40-14.25	16.40-17.25	Lysosomal diseases ; neurological complications and treatment options	Andreas Hahn
14.30-15.00	17.30-18.00	General Discussion	Faculty and participants