

European Network on Brain Malformations  
COST Action CA16118

2<sup>nd</sup> Neuro-MIG Training School  
"Pathology of Brain Malformations"

**Program**

**Friday, December 14<sup>th</sup> 2018**

8:15 – 9:00 Registration of participants with coffee and refreshments (Institute for Histology and Embryology, Faculty of Medicine, University of Novi Sad)  
9:00 – 9:15 Welcome and introduction to course Ivan Čapo (Novi Sad, Serbia)

**Plenary Session I**

9:15 – 10:00 **Ivan Čapo (Novi Sad, Serbia):**  
*Characteristics of normal human brain development*  
10:00 – 10:45 **Ivan Milenković (Vienna, Austria):**  
*GABA<sub>A</sub> receptor distribution in normal and pathological brain development*

**Discussion**

10:45-11:30 **Coffee and refreshments**

**Plenary Session II**

11:30– 12:15 **Ellen Gelpi Mantius (Vienna, Austria)**  
*Brain tissue sampling technique and biobanking protocols*  
12:15 – 13:00 **Nada Vučković (Novi Sad, Serbia):**  
*Histology diagnostic techniques and pathological classification of brain malformations*

**Discussion**

13:00 – 14:30 **Light lunch**

**Practical Session I**

14:30 – 15:15 *Adult brain sampling technique Trainers group I / Trainees \**  
15:15 – 16:00 *Adult brain sampling technique Trainers group II / Trainees \**

\* Institute for Anatomy

16:00 – 16:30 **Coffee and refreshments**

**Practical Session II**

16:30 – 17:15 *Virtual histology slide analysis - normal adult human brain\*\**  
17:15 – 18:00 *Virtual histology slide analysis - normal fetal human brain\*\**

\*\* Institute for Histology and Embryology

20:00 – 22:00 **Gala Dinner (Trainers and Trainees)**

**Saturday, December 15<sup>th</sup> 2018**

**Plenary Session III**

- 9:15 – 10:00 **Eleonora Aronica (Amsterdam, Netherlands)**  
*Epilepsy associated malformations of cortical development*
- 10:00 – 10:45 **Emilija Manojlovic Gacic (Belgrade, Serbia)**  
*Disorders of brain size and hydrocephalus*
- Discussion**
- 10:45-11:30 **Coffee and refreshments**

**Plenary Session IV**

- 11:30– 12:15 **Marina Kos (Zagreb, Croatia)**  
*Postmortem approach to fetal and perinatal CNS analysis*
- 12:15 – 13:00 **Sanja Milenković (Belgrade, Serbia)**  
*Muscular dystrophies: from muscle to brain*
- Discussion**
- 13:00 – 14:30 **Light lunch**

**Practical Session III**

\* Institute for Anatomy

- 14:30 – 15:15 *Fetal brain sampling technique (group I) Trainer / Trainees \**
- 15:15 – 16:00 *Fetal brain sampling technique ( group II) Trainers / Trainees \**
- 16:00 – 16:30 **Coffee and refreshments**

**Practical Session IV**

\*\* Institute for Histology and Embryology

- 16:30 – 17:15 *Virtual histology slide analysis (cell migration and specification disorders) Trainers/Trainees \*\**
- 17:15 – 18:00 *Virtual histology slide analysis (cerebellum, hindbrain, and spinal patterning defects) Trainers/Trainees \*\**
- 18:00 –18:30 Evaluation test and closing remarks
- 18:30 –19:00 closing remarks



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## **2<sup>nd</sup> Neuro-MIG Training School**

### **Novi Sad, Serbia**

**Target group:** Clinical geneticists, paediatric neurologists, neuroradiologists, laboratory specialists, neuropathologists, pathologists, cell biologists and other specialists in the field are welcome. PhD students and postdocs with research initiative on the histopathology and cell biology of neuronal migration disorders are most welcome.

**Aim:** The aim of the Neuro-MIG school is to convey clinical trends, expertise and knowledge on the care, diagnosis, follow-up, possible treatment options of patients with the MCD and current clinical and basic research on the neuropathology of neuronal migration disorders.

**Teaching staff ( trainers ):**Members of Neuro-MIG COST Action and worldwide known experts will share their expertise with young colleagues by lectures and work on adult and fetal brain sampling technique, biobanking of brain tissue, virtual histology slide analysis of normal and brain malformation cases. Concise literature will be distributed to participants in advance.

**Format :** 2 day course will host 24 participants.

#### **Trainees:**

Twenty four scholarships are solicited from Neuro-MIG COST training school budget. The scholarship is intended to cover registration fee, accommodation and travel costs.

To be eligible for scholarship, CV, letter of intent and support letter from the trainee's home institution is needed. Five tutors will independently score the trainees mini portfolios and the decision on scholarship will be announced by November 20<sup>th</sup>.

It is advised that the trainees who intend to attend the course to book their flight and reserve their accommodation in advance.

Trainees will be asked to prepare at least one case to be discussed on related topics (antenatal/ postnatal cases along with neuroradiological/molecular/histopathological data). They should also prepare 5 slides to present the challenges they encounter in their daily work life which will also cover their home institute's challenges. They will present, discuss and be ready to integrate the knowledge that they gained through the course to their presentation.

***To register as a trainee;***

***Please fill in the form for your contact details***

***Attach CV, letter of intent (why you would like to attend; what is your motivation) and support letter from your home institution.***

***Send your mini portfolio to [hkayserili@kuh.ku.edu.tr](mailto:hkayserili@kuh.ku.edu.tr); [capo.ivan@gmail.com](mailto:capo.ivan@gmail.com)***