

## **Regional Training Course on Neuroimaging. (IAEA-RER-6.035)**

**University Medical Center, Ljubjana  
Ljubjana (Slovenia), September 6th – 9th, 2016**

### **Local Course Director**

Dr. Maja Trošt  
Department of Neurology  
University Medical Center Ljubljana  
Zaloška 2  
1525 Ljubljana  
Slovenia  
Tel. 0038631317337  
Fax. 0038615682869  
E-Mail: [maja.trost@kclj.si](mailto:maja.trost@kclj.si)

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### IAEA TECHNICAL OFFICER

Mr. Rodolfo Núñez Miller  
Section of Nuclear Medicine and Diagnostic Imaging  
Division of Human Health  
International Atomic Energy Agency, Vienna International Centre, PO Box  
100, 1400 Vienna, Australia  
[R.Nunez-Miller@iaea.org](mailto:R.Nunez-Miller@iaea.org)

### IAEA PROJECT MANAGEMENT OFFICER:

Ms. Mayumi Yamamoto  
Europe Section 1  
Division for Europe  
Department of Technical Cooperation  
International Atomic Energy Agency, Vienna International Centre, PO Box  
100, 1400 Vienna, Australia  
[M.Yamamoto@iaea.org](mailto:M.Yamamoto@iaea.org)

## **PROGRAM**

### **Tuesday, September 6th, 2016**

- 09.00–09.30 Welcome and presentation of participants (Maja Trošt, Rodolfo Nuñez)
- 09.30–09.45 Presentation of the Training Course (Maja Trošt, Rodolfo Nuñez)
- 09.45–10.15 Pre-course evaluation (multiple-choice test)
- 10.15–11.00 Burden of neurological diseases, such as brain tumours, neurodegenerative diseases and epilepsy in today's society (Uroš Rot)

#### ***11.00–11.20 Coffee break***

- 11.20–12.05 Brain anatomy (Zvezdan Pirtošek)
- 12.05–12.35 Radiopharmaceuticals in brain imaging: SPECT (Karina Mosci).
- 12.35–13.05 Methodological aspects of brain PET imaging (Javier Arbizu)
- 13.05–13.15 Discussion

#### ***13.15–14.30 Lunch***

- 14.30–15.00 Brain Tumours: Clinical aspects (Mitja Benedičič)
- 15.00–15.30 Brain Tumours (The role of Nuclear Medicine in the management of brain tumours) (Javier Arbizu)
- 15.30–16.10 Case Presentation/s: Brain Tumor (Javier Arbizu)
- 16.10–16.55 Movement Disorders (Clinical aspects, including the role of Nuclear Medicine) (Maja Trošt)
- 16.55–17.10 Questions/Comments
- 17.10–17.40 *Visit to the Neurology Department*
- 18.30–20.30 *Welcome Reception in "Second Violin" restaurant in city center*

**Wednesday, September 7th, 2016**

09.00–09.45 Dementia – clinical aspects (Milica G Kramberger)

09.45–10.15 Role of SPECT in Dementia (Andrea Ciarmiello)

***10.10–10.30 Coffee break***

10.30–11.10 Radiopharmaceuticals in brain imaging: PET (Aljaž Sočan)

11.10–12.00 Role of FDG PET in dementia (Andrea Ciarmiello)

***12.00–13.30 Lunch***

13.30–14.00 Amyloid Imaging in dementia (Andrea Ciarmiello)

14.00–14.40 Case presentation/s: Parkinson disease and related disorders (Javier Arbizu)

14.40–15.10 Tau Protein imaging in dementia (Andrea Ciarmiello)

***15.10–15.30 Coffee break***

15.30–16.10 Brain Anatomy for PET imaging (Karina Mosci)

16.10–16.45 Case Presentation/s: Dementia (Andrea Ciarmiello)

16.45–17.25 Case Presentation/s: Mix cases (Javier Arbizu)

17.30–19:30

***Tour of the City***

## **Thursday, September 8th, 2016**

- 09.00–09.30 Instrumentation of SPECT and PET (Petra Tomše, Luka Jensterle)  
09.30–10.15 Brain FDG-PET Analysis supported by computer programs (Karina Mosci)  
10.15–10:45 Seizures - Clinical aspects (Bogdan Lorber)

### ***10.45–11.15 Coffee break***

- 11.15–11.45 Role of Nuclear Medicine in brain death imaging (Marko Grmek).  
11.45 –12.15 Seizure disorder the role of Nuclear Medicine (Karina Mosci)  
12.15–13.10 Case presentation/s: Seizures (Karina Mosci)  
13.10–13.20 Discussion

### ***13.20–15.00 Lunch***

- 15.00–16.30 *Presentation/Review of interesting and challenging cases* (RTC participants)  
16.30 – 17.30 *Tour of the Nuclear Medicine department*

## **Friday, September 9th, 2016**

- 09.00–09.40 IAEA activities in Nuclear Medicine and Diagnostic Imaging (Rodolfo Nuñez)  
09.40–10.10 Post course evaluation  
10.10–11.00 Resolving MCQ, Certificate Presentation, and Closure of the Course  
11.15 Course end