UMF
UNIVERSITATEA DE MEDICINĂ ŞI FARMACIE IULIU HAŢIEGANU CLUJ-NAPOCA

FACULTY *of* MEDICINE
DEPARTMENT *of*
NEUROSCIENCES

Facultatea de Medicină Cluj

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RoNEURO

Seminars

Department of Neurosciences
University of Medicine and Pharmacy "Iuliu Hatieganu"
Cluj-Napoca | Romania

IN CONJUNCTION WITH

ELECTRONEUROMYOGRAPHY SEMINAR MODULE 9

APRIL 9TH - 10TH 2016

''RONEURO" INSTITUTE FOR NEUROLOGICAL RESEARCH AND DIAGNOSTIC /
CLUJ-NAPOCA | ROMANIA | MIRCEA ELIADE 37

WELCOME ADDRESS

It is a pleasure to welcome you to the 36TH edition Seminars of the Neurosciences Department, in conjunction with "Electroneuromyography Seminar, Module 9", April 9th- 10th, 2016. The seminar is hosted by the Department of Neurosciences, Faculty of Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy ,Cluj-Napoca and "RoNeuro" Institute For Neurological Research and Diagnostic.

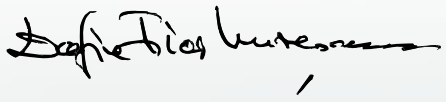
This seminar aims to establish itself as a highly useful framework that will enable local specialists to benefit from the expertise of our invited speakers who are part of associated international faculty of our Department of Neurosciences Cluj-Napoca, Romania and RoNeuro Science network. Our scope is to flourish over years and set up an educational vector aiming to meet our junior and senior specialists' needs.

In contrast to large international conferences, the intention behind these seminars is to create an informal and intimate setting, which hopefully will stimulate open discussions. As organizers, we would therefore be deeply grateful if you participate and share your time with us.

We are looking forward to your active participation in this educational event!

With consideration,

Prof. Dr. Dafin F. Mureșanu,
Chairman Department of Neurosciences, Faculty of Medicine,
University of Medicine and Pharmacy "Iuliu Hatieganu", Cluj Napoca, Romania



ORGANIZERS

University of Medicine and Pharmacy
“Iuliu Hatieganu”,
Cluj Napoca, Romania

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University of Medicine and Pharmacy
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Cluj-Napoca, Romania

Foundation for the Study of
Nanoneurosciences and
Neuroregeneration

RONEURO
Institute for Neurological
Research and Diagnostic

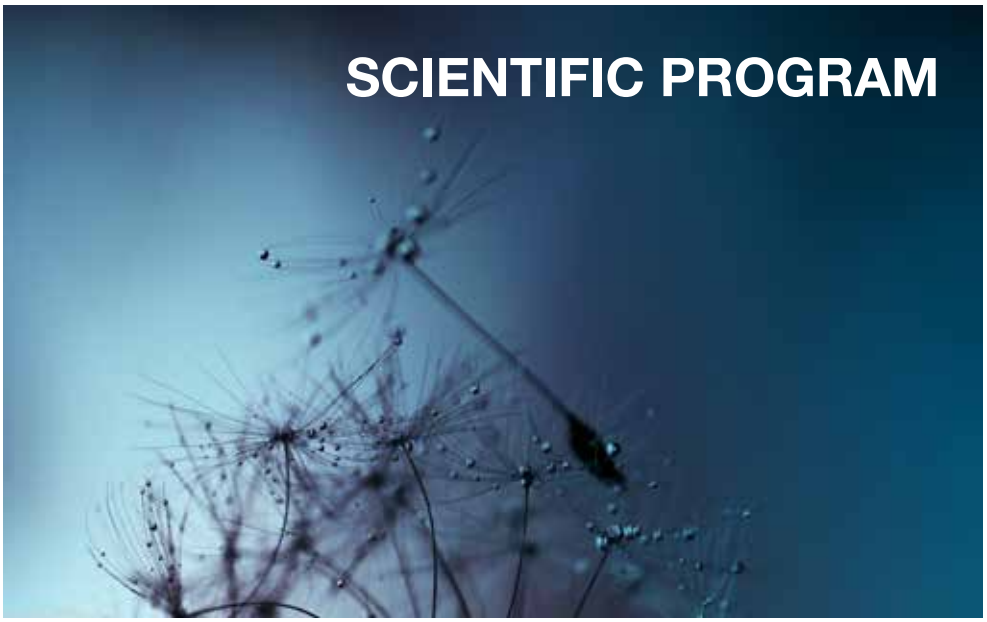

SPEAKER

SPEAKER

TUDOR LUPESCU /ROMANIA

Dr. Tudor Lupescu obtained his medical degree from “Carol Davila” University of Medicine in Bucharest, in 1989. After 3 years of training at Colentina Clinical Hospital he became Specialist in Neurology in 1994. Since 2006 he is running the Neurology Department al Agrippa Ionescu Hospital in Bucharest. In 1998, he qualified as Consultant Neurologist. Since his early years of training in Neurology, Tudor Lupescu has shown a special interest in Clinical Neurophysiology. In 2000 he earned a Competence in Clinical Neurophysiology (EEG, EMG, and Evoked Potentials). 1997 he was the first to use Transcranial Magnetic Stimulation in Romania. This was also the subject of his PhD thesis presented in 2005. Since 2008, Tudor Lupescu is President of ASNER – Romanian Society of Electrodiagnostic Neurophysiology. He is also founding member and vice-president of the Romanian Society of Diabetic Neuropathy.

Dr. Tudor Lupescu is associate member of the American Academy of Neurology, and associate member of the American Association of Neuromuscular and Electrodiagnostic Medicine. Between 2008 and 2013 he was also member of the Neurophysiology Subcommittee of ENS.



SCIENTIFIC PROGRAM

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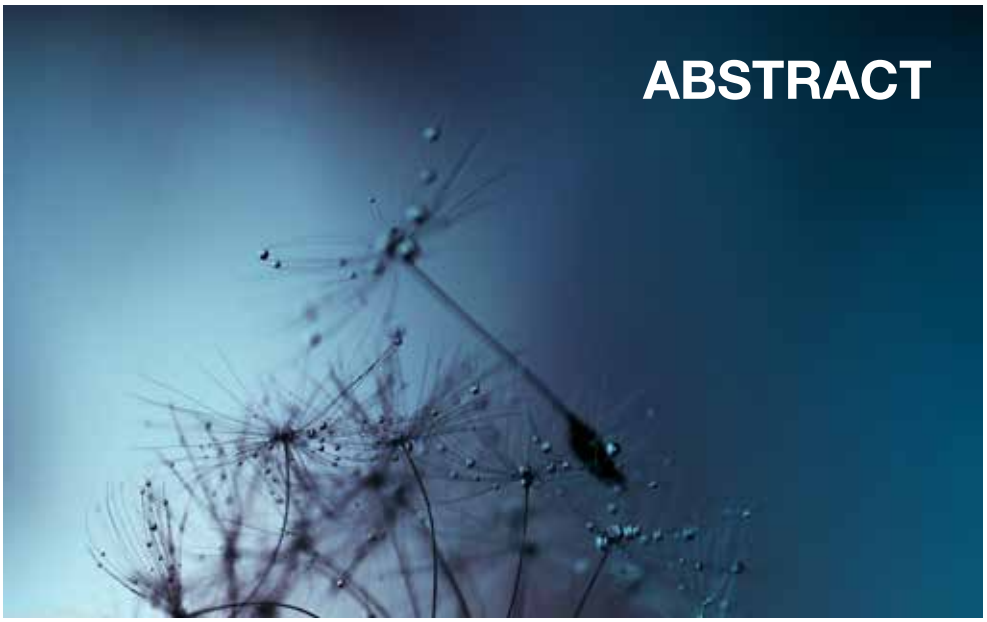
SATURDAY, APRIL 9TH, 2016

9.30 – 10.15	Electrophysiological findings in myopathies
10.15 – 11.00	Diabetic neuropathy
11.00 – 11.40	Neuropathy associated with chronic kidney disease
11.40 – 12.20	Neuropathies associated with vasculitis and other connective tissue diseases
12.20 – 13.00	Neuropathies associated with dysproteinemias
13.00 - 14.00	Lunch
14.00 - 15.00	Hands-on session 1: patient with myopathic lesion - EMG for triceps brachialis, deltoid, serratus anterior muscles will be performed
15.00 - 16.00	Hands-on session 2: nerve conduction studies on median, ulnar and radial nerves – orto- and antidromic conduction – will be performed on healthy subjects
16.00 - 18.00	Hands-on session 3: patient with suspicious diagnostic of chronic motor axonal neuropathy and moderate left carpal tunnel syndrome - nerve conduction studies, repetitive nerve stimulation and EMG will be performed
18.00 - 19.00	Nutritional and alcoholic neuropathy

SCIENTIFIC PROGRAM

SUNDAY, APRIL 10TH, 2016

9.30 – 10.15	Basic principles of Electroneurophysiological studies
10.15 – 11.00	Neuromuscular Junction Disorders
11.00 – 11.45	Neuralgic amyotrophy
11.45 – 12.30	Principles of rehabilitation interventions in neuromuscular diseases
12.30 – 14.00	Hands-on session 4: EMG on deltoid muscle in mild myogenic lesion
14.00 - 15.00	Hands-on session 5: patient with left partial brachial plexus lesion - left upper limb nerve conduction study for median, ulnar and radial nerves; EMG of the following muscles: biceps, triceps, extensor carpi radialis and abductor pollicis brevis
15.00 - 16.00	Conclusions



ABSTRACT

ELECTRONEUROMYOGRAPHY SEMINAR MODULE 9

TUDOR LUPESCU /ROMANIA

The 9th module of electroneuromyography seminars will continue the framework of previous modules and deepens the theoretical and practical approach of electrophysiological explorations in neuromuscular diseases.
In the first part, the participants will present the clinical and electrophysiological approach of the neuromuscular diseases. Discussions on the topics presented will be launched. In the second part of the session the motor and sensitive nerve conductions will be performed on patients. Participants will also practice the nerve conduction techniques among themselves.
Four clinical presentations and electrodiagnostic findings will be discussed for the 4 patients examined during the module.
In the first patient, we will search for myogenic lesion in the following muscles: right biceps and triceps brachialis, right deltoid muscle, right serratus anterior, right rhomboid, right latissimus dorsalis. EMG will be performed in triceps brachialis, deltoid and serratus anterior muscles.
The studies that will be performed in the second patient are: nerve conduction studies for the median, ulnar, peroneal, tibial and sural nerves, repetitive nerve stimulation of the right accessor spinal nerve and left peroneal nerve, as well as EMG performed for: tibialis anterior, vastus latelaris, extensor digitorum, biceps brachialis muscles.
The third patient, with a mild myogenic lesion, will be investigated by performing EMG in the deltoid muscle - spontaneous muscle activity and motor unit potential will be analyzed.
Last patient, addressed for left partial brachial plexus lesion will undergo both nerve conduction studies as well as EMG in biceps brachialis, triceps brachialis, extensor carpi radialis, abductor pollicis brevis muscle.

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