

# Spring School VIRTUAL



Programme

# 2021

Boost your career in  
**Neurology**

# Spring VIRTUAL School 2021

## Programme

Friday, May 21, 2021

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ALS-FTD spectrum

<https://zoom.us/j/96604007358?pwd=OVQ5RURnNVJKUkxEOXhpckt5bkSyQT09>

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15:00 - 15:15

Welcome and introduction

*Irena Rektorová, Brno, Czech Republic*

15:15 – 16:00

Primary progressive aphasia (PPA) variants: diagnosis and neuro correlates

*Irena Rektorová, Brno, Czech Republic*

16:00 – 16:45

Frontotemporal dementia (FTD) in daily practice - red flags

*Sharon Abrahams, Edinburgh, Scotland*

16:45 – 17:30

Diagnosis and Differential diagnosis of ALS: Really difficult?

*Andrea Calvo, Torino, Italy*

# Spring VIRTUAL School 2021

## Programme

Saturday, May 22, 2021

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### Child neurology

<https://zoom.us/j/98994360586?pwd=TjVGdER1U1QzZVh3NE85NWZnNm9YZz09>

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9:45 – 10:00

Welcome and introduction of daily speakers and programme  
*Francesco Muntoni, London, UK*

10:00 – 10:45

Motor neuron diseases in infancy and childhood, focus on "new treatments"  
*Francesco Muntoni, London, UK*

10:45 – 11:30

Problems related to the COVID-19 pandemics in disabled children  
*Andrea Martinuzzi, Conegliano, Italy*

11:30 – 12:15

Epileptic neuro encephalopathies of infancy and childhood  
*Rima Nabbout, Paris, France*

12:15-12:45

Lunch break

12:45 – 14:00

Scientific afternoon: Case presentations

**Case 1:** An unexpected diagnosis in a 6-month-old infant with recent cytomegalovirus infection.  
*Gianluca Costamagna, Milan, Italy*

**Case 2:** Rapidly progressing amyotrophic lateral sclerosis with an onset during pregnancy in a young woman  
*Alina Ivaniuk, Odessa, Ukraine*

**Case 3:** 21 year old male presenting with progressive muscle wasting and fasciculations *Mariam Kekenadze, Tbilisi, Georgia*

**Case 4:** Amyotrophic lateral sclerosis in a patient with lumbar canal stenosis- case presentation  
*Anastasia Siminenco-Rotari, Cluj-Napoca, Romania*

**Case 5:** Biotin -Thiamin Responsive Basal Ganglia Disease, A Novel Gene Mutation Discovery  
*Nahla Aly Merghany Aly Abdalla, Cairo, Egypt*

**Case 6:** An unusual cause of a stroke in a child?  
*Salma Said Soliman Ibrahim Almashad, Alexandria, Egypt*

**14:00-14:30**

RRFS lecture: Info on Grants/News for Neurologists in Training all over Europe  
*Vlad Tiu, Bucharest, Romania*

# Spring VIRTUAL School 2021

## Programme

Sunday, May 23, 2021

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### Neurosonology

<https://zoom.us/j/94030827030?pwd=UzdGQWJLSFIYYXRnMFZwTXh4ZytRUT09>

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9:45 – 10:00

Welcome and introduction of daily speakers and programme

*David Školoudík, Ostrava, Czech Republic*

10:00 – 10:45

Neurosonology in stroke

*Claudio Baracchini, Padua, Italy*

10:45 – 11:30

Role of neurosonology in neurodegenerative diseases

*David Školoudík, Ostrava, Czech Republic*

11:30 – 12:15

Lecture: Interventions and monitoring using neurosonology methods

*Fabienne Perren, Lausanne, Switzerland*

12:15

Good-bye words

*Irena Rektorová, Brno, Czech Republic*

12:30 – 13:15

Exam (access link open for 45 minutes)

## Programme overview

Friday, May 21, 2021 ALS-FTD spectrum	Saturday, May 22, 2021 Child neurology	Sunday, May 23, 2021 Neurosonology
<p><b>15:00 - 15:15</b> Welcome and introduction <i>Irena Rektorová, Brno, Czech Republic</i></p>	<p><b>9:45 – 10:00</b> Welcome and introduction of daily speakers and programme <i>Francesco Muntoni, London, United Kingdom</i></p>	<p><b>9:45 – 10:00</b> Welcome and introduction of daily speakers and programme <i>David Školoudík, Ostrava, Czech Republic</i></p>
<p><b>15:15 – 16:00</b> Primary progressive aphasia (PPA) variants: diagnosis and neuro correlates <i>Irena Rektorová, Brno, Czech Republic</i></p>	<p><b>10:00 – 10:45</b> Motor neuron diseases in infancy and childhood, focus on "new treatments" <i>Francesco Muntoni, London, United Kingdom</i></p>	<p><b>10:00 – 10:45</b> Neurosonology in stroke <i>Claudio Baracchini, Padua, Italy</i></p>
<p><b>16:00 – 16:45</b> Frontotemporal dementia (FTD) in daily practice - red flags <i>Sharon Abrahams, Edinburgh, Scotland</i></p>	<p><b>10:45 – 11:30</b> Epileptic neuro encephalopathies of infancy and childhood <i>Rima Nabbout, Paris, France</i></p>	<p><b>10:45 – 11:30</b> Role of neurosonology in neurodegenerative diseases <i>David Skoloudik, Ostrava, Czech Republic</i></p>
<p><b>16:45 – 17:30</b> Diagnosis and Differential diagnosis of ALS: Really difficult? <i>Andrea Calvo, Torino, Italy</i></p>	<p><b>11:30 – 12:15</b> Lecture: Problems related to the COVID-19 pandemics in disabled children <i>Andrea Martinuzzi, Italy</i></p>	<p><b>11:30 – 12:15</b> Interventions and monitoring using neurosonology methods <i>Fabienne Perren, Lausanne, Switzerland</i></p>
	<p><b>12:15-12:45</b> Lunch break</p>	<p><b>12:15</b> Good-bye words <i>Irena Rektorova, Brno, Czech Republic</i></p>
	<p><b>12:45 – 14:00</b> Scientific afternoon: cases by participants</p>	<p><b>12:30 – 13:15</b> Exam (access link open for 45 minutes)</p>
	<p><b>14:00-14:30</b> RRFS lecture <i>Vlad Tiu, Bucharest, Romania</i></p>	

## Faculty



### **Sharon Abrahams, Edinburgh, Scotland**

Sharon Abrahams, Ph.D, D.Clin.Psy is a Professor of Neuropsychology and Clinical Neuropsychologist at the University of Edinburgh and one of the founding members of the Euan MacDonald Centre for Motor Neurone Disease Research. She has over 150 research publications with an H index of 53. She is the developer of the The Edinburgh Cognitive and Behavioural ALS Screen (ECAS) now routinely used internationally, translated into 24 languages and incorporated as an outcome measure in clinical trials. She is Associate Editor of the journal Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration. Her research focuses on cognitive, behavioural and cerebral changes in neurodegenerative disease.



### **Claudio Baracchini, Padua, Italy**

Prof. Dr. Baracchini is a neurologist and neurosonologist, and serves as Director of the Stroke Center and Neurovascular Ultrasound Laboratory at the University Hospital of Padua (Italy). He started his training at the University of Toronto where he also completed a specialist program in Neuroscience. He received his medical degree and specialized in neurology at the University of Padua. He continued his training in Neurosonology at the University of Zurich and at the University of Giessen. He has authored and co-authored more than 200 publications, organized several national and international congresses, teaching courses and tutorials and received more than 200 invitations as a speaker in National and International Conferences. He is a Fellow of the European Stroke Organisation, a Member of the International Certification Commission for Neurosonology, and currently President of the European Society of Neurosonology and Cerebral Hemodynamics.



### **Andrea Calvo, Torino, Italy**

Andrea Calvo is currently Associate Professor of Neurology at the Department of Neurosciences 'Rita Levi Montalcini' of the University of Torino, Italy. He has been working at Turin ALS Expert Centre since 1997, as vice-director. He is the Chair of the Italian Motoneuron Diseases Study Group of the Italian Society of Neurology (SIN) and the Co-Chair of the EAN Panel for ALS-FTD. Since 1997 he has been researching in the neurological field, in particular related to ALS and other neuromuscular diseases; its scientific production is characterized by epidemiological, clinical genetics, neuroimaging and clinical trials, with about 190 papers in peer reviewed international journals (H Scopus index 53).





### **Andrea Martinuzzi, Italy**

#### **Education**

M.D. degree; University of Padova School of Medicine, 1976-1982, Padova, Italy;  
Neurology residency; University of Verona, Department of Neurology, 1982-1986, Verona, Italy  
Ph.D. in genetics; University of Ferrara School of Science, 1989-1992, Ferrara, Italy;

#### **Research activity**

2000-present: clinical trials in rare neuromuscular disease  
2000-present: collaboration with WHO in the field test of the International Classification of Functioning, with special emphasis on ICF implementation and ICHI development;  
Director of the Research Branch of the Italian WHO-FIC Collaborating Centre  
1999-present: animal modelling for neurodegenerative diseases,  
1991-present: neuro-rehabilitation of congenital and genetic neurological diseases, with special attention to defects of glycolysis and mitochondrial cytopathies.

#### **Teaching appointments**

1999-present: professor of Neurology, School of Medicine, University of Padova  
2015-present: professor of childhood rehabilitation, rehabilitation medicine program, University of Padova  
2016-present: professor of neuropharmacology, hospital pharmacy program, University of Padova;

#### **Professional appointments**

1999-present: Director of Neurology, "E.Medea" Scientific Institute, Conegliano Research Centre

#### **Publications**

190 full papers, n° citations: 6973, H index: 46, i10 index: 95.

### **Francesco Muntoni, London, United Kingdom**



Francesco Muntoni is a Professor of Paediatric Neurologist, trained in Italy and working in UK since 1993. He is the Director of the Dubowitz Neuromuscular Centre, at the UCL Institute of Child Health and Great Ormond Street Hospital for Children, London, UK. In the Institute he is Theme Lead in the Novel Therapies of the Biomedical Research Centre in the Great Ormond Street Hospital and in the past led the Developmental Neuroscience Programme (between 2008 and 2017). Since 2008, in close collaboration with the team at the UCL Institute of Neurology, he has co-directed the MRC Centre for Neuromuscular Diseases at UCL.

Muntoni has an interest in pathogenesis, deep phenotyping, gene identification for rare neuromuscular conditions and translational research in Duchenne muscular dystrophy and spinal muscular atrophy. He is involved in several natural history studies and clinical trials. His research funded by the Department of Health, MRC and



the European commission lead to the development and early clinical trials of 2 morpholino antisense oligonucleotides, now approved by FDA, that induce partial correction of the processing defect of the DMD gene in boys with Duchenne muscular dystrophy. He is the UK chief investigator for clinical trials on Duchenne muscular dystrophy and spinal muscular atrophy, including adeno associated virus trials.



**Rima Nabbout, Paris, France**

Rima Nabbout is Professor of Paediatric Neurology at Université de Paris and Director of the reference centre for Rare Epilepsies at Necker Enfants Malades. She received her medical degree from Saint Joseph University, Beirut, Lebanon; her paediatric board from Paris- Descartes University; and her PhD in Neurosciences from Pierre et Marie Curie University, Paris, France.

She is a member of the steering committee of EPICARE (European reference network on rare and complex epilepsies), of 3 TFGs of ILAE (Nosology TF, transition TF and the regulatory affairs) and of the EJP-RD program. She is president of the scientific committee of the Data Bank for Rare Diseases.

Her areas of research at Imagine Institute (INSERM U1163, Translational Research for Neurological Diseases) include epilepsy syndromes nosology and transition from childhood into adulthood, causes and mechanisms of rare epilepsies, orphan drugs trials with development of patients' centered end points and innovative methodologies in rare epilepsies. She has authored more than 245 peer-reviewed papers and received H2020 and FP7 grants.



**Fabienne Perren, Lausanne, Switzerland**

Fabienne Perren, MD, PhD, is a specialist in Neurology, Cerebrovascular Diseases and. She is an international expert in Neurosonology. She is in several executive committees, such as: the Neurosonology Panel of the EAN, the NSRG of the World Federation of Neurology and the European Society of Neurosonology and Cerebral Hemodynamics. She is teaching at the Medical Faculty, head the LUNIC Laboratory Research Team at the Neurocenter, of the Universities of Geneva and Fribourg, Switzerland. She and her team developed a disruptive transcranial ultrasound technology allowing, for the first time, non-invasive in vivo cerebral microvascular imaging and study of the brain's hemodynamics of the human adult.



**Irena Rektorová, Brno, Czech Republic**

Irena Rektorova, MD, Ph.D. is Professor of Neurology and Head of the Movement Disorders Centre at the First Department of Neurology, School of Medicine, and Coordinator of the Brain and Mind Research Programme at CEITEC, Masaryk University in Brno, Czech Republic.

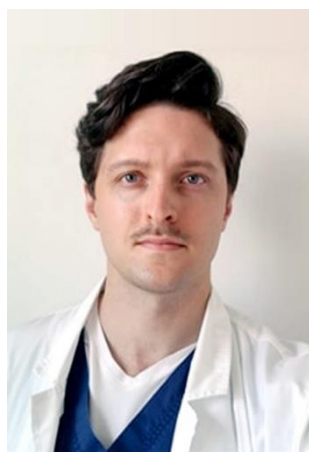
She is Chair of the Teaching Course Sub-Committee of the European Academy of Neurology (EAN). She is also a member of the Neuroimaging Study Group of the International Parkinson and Movement Disorders Society, and Member of the Executive Committee of its European Section (MDS-ES). She acts as an Associate Editor for Parkinsonism and Related Disorders journal and Journal of Alzheimer's Disease.



**David Školoudík, Ostrava, Czech Republic**

David Školoudík, MD, Ph.D., FESO, FEAN is currently Professor of Neurology, Director of the Center for Health Research and Vice-Dean of Ostrava University Medical Faculty, Ostrava, Czech Republic.

He is a Co-Chair of the Management Group of the European Academy of Neurology Scientific Panel Neurosonology and the Chair of the Neurosonology Committee of the Czech Neurological Society. Since 1996 he has been researching in the neurology field, mainly related to the neurosonology, atherosclerosis and cerebrovascular diseases, and neurodegenerative diseases. He is the author or co-author of about 200 papers in peer reviewed international journals with h-index=20, a member of Advisory Board of Ultrasound in Medicine and Biology, and the secretary of the journal Czech and Slovak Neurology and Neurosurgery.



**Vlad Tiu, Bucharest, Romania**

Vlad Tiu is an Assistant Lecturer of Neurology at the Carol Davila University of Medicine and Pharmacy and also part of the Neurocritical Care team at Elias Emergency University Hospital in Bucharest, Romania. An active member of the RRFs, he is now part of both the Headache and the Neurosonology Scientific Panels of EAN.

For the last 4 years, he has been part of the team implementing acute stroke care in Romania, travelling across the country as a trainer in vascular emergencies.