

European Restless Legs Syndrome Study Group

Annual Meeting, Friday, 13 December 2019

“Pavillon”, Klinikum Rechts der Isar, Munich, Germany



Agenda

8:15 – 16:35

08:15 – 08:30

Welcome and introduction

Birgit Högl (EURLSSG President), Innsbruck, Austria and

Pathophysiology

Chairpersons:

Roselyne Rjisman, The Netherlands

Yves Dauvilliers, France

08:30 – 08:45

Brain iron deficiency alters reflexes and sleep/rest performance in a mouse model of RLS

Stefan Clemens, USA

08:45 – 09:00

Histamine-deficient mice have decreased occurrence of tibialis anterior electromyographic bursts during non-REM sleep

Alessandro Silvani, Italy

09:00 – 09:15

Central sensitization in RLS patients

Yuichi Inoue, Japan

09:15 – 09:25

Resting state functional MRI in RLS

Ambra Stefani, Austria

09:25 – 09:35

Brain iron assessment with MRI susceptibility and its correlation with PLMD and RLS symptomatology in TBI patients

Kent Werner, USA

09:35 – 09:50

Stroke as a model to understand PLM pathogenesis

Sandra Hackethal, Switzerland

09:50 – 10:05

Which is the best biomarker for RLS, hepcidin or ferritin ?

Sofiène Chenini, France

10:05 – 10:15

CSF and serum ferritin levels in narcolepsy Type 1 comorbid with RLS

Lucie Barateau, France

10:15 – 10:35

Coffee break

Genetics and molecular studies

Chairpersons:

Rosalia Silvestri, Italy

Richard Allen, USA

10:35 – 10:50

Epigenetic association study of DNA methylation in RLS

Nazanin Mirza-Schreiber, Germany

- 10:50 – 11:05 **Uncovering causality in RLS GWAS loci using targeted next generation sequencing**
Erik Tilch, Germany
- 11:05 – 11:15 **Functional study of MEIS1 effect in DRD2+ striatal neurons as a potential cause of RLS**
Lucile Cathiard, France
- 11:15 – 11:25 **Update on functional studies of MEIS1 in RLS**
Volker Kittke, Germany
- 11:25 – 11:40 **Forward genetics and brain iron relation to RLS**
Richard Allen, USA

Diagnostics and clinical studies

Chairpersons: *Juliane Winkelmann, Germany*
Yuichi Inoue, Japan

- 11:40 – 11:55 **RLS in traumatic brain injury, a case-control study**
Cristian Falup-Pecurariu, Romania
- 11:55 – 12:10 **Meta-analysis of pharmacological responsiveness of PLM**
Silvia Riccardi, Switzerland
- 12:10 – 12:20 **Seasonality of RLS: Symptom variability in Winter and Summer**
Claudio Liguori, Italy
- 12:20 – 12:30 **Gender differences in RLS: New aspects**
Evi Holzknacht, Austria
- 12:30 – 12:40 **Increased blood pressure during the suggested immobilization test in RLS**
Anna Laura Rassu, France
- 12:40 – 12:50 **Successful treatment of a patient with RLS with augmentation and chronic neuropathic pain by a combination of a D3-receptor agonist and an opioid**
Svenja Happe, Germany
- 12:50 – 12:55 **Bryophyllum pinnatum in RLS – a case series documented by polysomnography**
Sigrid von Manitius, Switzerland
- 12:55 – 13:00 **Is RLS accompanied by depression symptoms or sleep complaints following delivery?**
Lia Maisuradze, Georgia

13:00– 14:00 Lunch

Outcomes and epidemiology research

Chairpersons: *Mauro Manconi, Switzerland*
Klaus Berger, Germany

- 14:00 – 14:15 **PLM in sleep are linked to decreased hippocampus and amygdala volume**
András Szentkirályi, Germany

- 14:15 – 14:30 **RLS/PLM during pregnancy: data from the Life-ON Study**
Mauro Manconi, Switzerland
- 14:30 – 14:45 **Migraine, depression, and SRED: gender-related comorbidities of RLS**
Rosalia Silvestri, Italy)
- 14:45 – 15:00 **Prone to fall accidents and the implication of RLS**
Giorgos Sakkas, Greece
- 15:00 – 15:15 **Final outcomes of EARLS 2018-19 RLS Patient Survey from 10 European countries**
Daragh Bogan, UK
- 15:15 – 15:30 **Polysomnography and grey matter volume: findings from a population-based study**
Marco Hermesdorf, Germany
- 15:30 – 15:50 Coffee break**

Neurophysiology

Chairpersons: *Barbara Schormair, Germany*
 Raffaele Ferri, Italy

- 15:50 – 16:05 **PLM during sleep in RLS show specific changes throughout the lifespan**
Raffaele Ferri, Italy
- 16:05 – 15:15 **PLM during sleep are less commonly observed in Asian RLS patients**
Yuichi Inoue, Japan
- 16:15 – 16:25 **3D detection of PLM during sleep - a prospective pilot study**
Stefan Seidel, Austria
- 16:25 – 16:35 **Role of RLS and PLMS in epilepsy patients**
Samson Khachatryan, Armenia

EURLSSG e.V. business meeting *(EURLSSG members only)*

- 16:40 – 17:30 **General EURLSSG meeting**

- 19:30 Dinner Hofbräuhaus “Wappensaal”, 1st floor, Platzl 9, Munich**

The EURLSSG-Meeting is sponsored by:

UCB Pharma GmbH

