

Dear Colleagues,

We are pleased to invite you to the 5th Scientific meeting of the “Swiss Movement Disorders Society”. Our society was founded some years ago to be a forum for discussion in the growing field of movement disorders.

The main goal of our multi-professional, multidisciplinary organisation is to promote communication, information, education and scientific exchange across all people involved in the care of patients with movement disorders in Switzerland. In this way, we would like to complete and extend the already existing initiatives and societies.

This responds to an important need since Switzerland was one of the few European countries without such an association.

Our 2023 meeting is dedicated to the communication about recently completed, ongoing and planned research projects in our community. This aims at fostering collaboration, exchange and friendship among the groups and interested parties.

This year our annual meeting will again take place in Olten and virtually online. Although online participation is practical for those otherwise unavailable to attend, we hope to welcome you personally for an exchange in Olten at the 5th Scientific meeting of the SMDS on November 2nd 2023.

PD Dr. med. David Benninger
Scientific meeting organizer

PD Dr. Georg Kägi
Vice-President SMDS

PD. Dr. Michael Schüpbach
President SMDS

Moderators

PD Dr. med. David Benninger, Senior Consultant, Dept. of Neurology, CHUV Lausanne, deputy Chief Physician, Neurology, Reha Rheinfelden

PD Dr. med. Georg Kägi, Deputy Head, Dept. of Neurology, Cantonal Hospital St. Gallen, Vice-President SMDS

PD Dr. med. Michael Schüpbach, Neurologist FMH, Neurological Institute Konolfingen, President SMDS

Organizer

Swiss Movement Disorders Society (Committee members:

L.M. Abela, D. Benninger, S. Bohlhalter, D. Brogler, F. Hatz, G. Kägi, A. Kaelin, C. Möller, E. Ostler, M. Schüpbach, L. Stieglitz, T. Vanbellingen)

Credits

Swiss Neurological Society (SNG): 2 credits

Information

Segretariato Direzione

Neurocentro della Svizzera Italiana

Via Tesserete 46, 6903 Lugano

Tel. +41 (0)91 811 62 57 Fax +41 (0)91 811 62 19

neurocentro@eoc.ch

We thank the sponsors for their support!



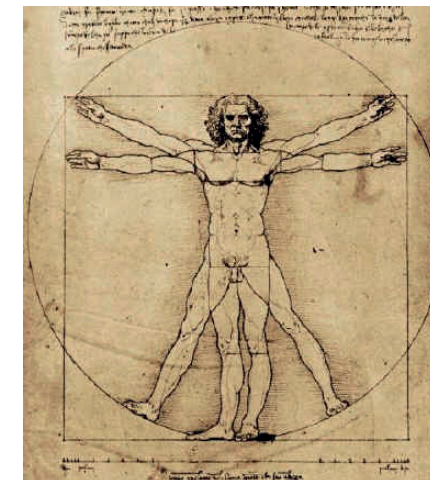
Swiss Movement Disorders Society SMDS

5th Scientific Meeting of the SMDS

Thursday, November 2nd 2023, from 16h00 to 18h30
Kantonsspital Olten

Registration via the following link:

**It is possible to attend by webinar
(the link follows after registration)**



“L’uomo Vitruviano di Leonardo Da Vinci”

Program

- 16h00 **Welcome**
Michael Schüpbach, Georg Kägi, David Benninger
- Chair** Georg Kägi
- 16h15 **Hochintensives Intervalltraining zur Verbesserung der Kognition bei der Parkinson-Krankheit: eine randomisierte Pilotstudie**
André Hürlimann
- 16h30 **Feasibility of a combined intermittent theta-burst stimulation and video game-based dexterity training in Parkinson's disease**
Manuela Pastore-Wapp
- 16h45 **Tactile cueing in PD patients with freezing of gait**
Raoul Schweinfurther
- 17h00 **Mobility in atypical parkinsonism: a randomized trial of physiotherapy**
Tabea Schoenfeldt-Reichmann
- 17h15 **Short break**
- Chair** David Benninger
- 17h30 **Safety and tolerability of liposomal GM1 in patients with Parkinson disease: A single center open-label clinical phase I trial (NEON trial)**
Michael Schüpbach
- 17h45 **Effect of ventrodorsal position of Vim-ablation on tremor response and side-effects in MRgHiFUS treatment for tremor**
Lennart Stieglitz
- 18h00 **Slow wave activity across sleep-night could predict levodopa-induced dyskinesia**
Marta Sciascia
- 18h15 **Seeding activity of pathological proteins from skin biopsies in Parkinson's Disease**
Elena Vacchi
- 18h30 **Conclusion and Apéro**

Hochintensives Intervalltraining zur Verbesserung der Kognition bei der Parkinson-Krankheit: eine randomisierte Pilotstudie

André HÜRLIMANN¹, Michèle HÄBERLI¹, Manuela PASTORE-WAPP^{1,2}, Simon STÄMPFLI³, Erwin VAN WEGEN⁴, Stephan BOHLHALTER^{1,5}, Tim VANBELLINGEN^{1,2}

- 1 Neurozentrum, Luzerner Kantonsspital, Luzern, Schweiz
- 2 Gerontechnologie und Rehabilitation Gruppe, Universität Bern, Bern, Schweiz
- 3 Kardiologie, Herzzentrum, Luzerner Kantonsspital, Luzern, Schweiz
- 4 Department of Rehabilitation Medicine Amsterdam UMC, Location Vumc, Amsterdam, Niederlande
- 5 Neurologie, Universität Zürich, Zürich, Schweiz

Feasibility of a combined intermittent theta-burst stimulation and video game-based dexterity training in Parkinson's disease

Manuela PASTORE-WAPP^{1,2}, Brigitte C KAUFMANN^{1,3,4}, Thomas NYFFELER^{1,2}, Simona WAPP¹, Stephan BOHLHALTER^{1,5}, Tim VANBELLINGEN^{1,2}

- 1 Neurocenter, Luzerner Kantonsspital, Lucerne, Switzerland. manuela.pastore@luks.ch.
- 2 ARTORG Center for Biomedical Engineering Research, Gerontechnology and Rehabilitation Group, University of Bern, Bern, Switzerland.
- 3 Sorbonne Université, Institut du Cerveau - Paris Brain Institute - ICM, Inserm, CNRS, Paris, France.
- 4 Department of Neurology, Inselspital, University Hospital, University of Bern, Bern, Switzerland.
- 5 Department of Neurology, University of Zurich, Zurich, Switzerland

Tactile cueing in PD patients with freezing of gait

Schweinfurther Raoul¹, Brühlmann-Brune Susanne¹, Halpap Christian¹, Herold-Nadig Michael², Klamroth-Marganska Verena³, Möller Jens Carsten¹, Wolf Peter², Riener Robert²
1Rehaklinik Zihlschlacht, Zihlschlacht, Schweiz
2Sensory-Motor Systems Lab, ETH Zürich, Zürich, Schweiz
3Klinik Adelheid AG, Zug, Schweiz

Seeding activity of pathological proteins from skin biopsies in Parkinson's Disease

Elena Vacchi, Lugano

Slow wave activity across sleep-night could predict levodopa-induced dyskinesia

Marta Sciascia, Ninfa Amato¹, Serena Caverzasio^{1,2}, Mauro Manconi^{1,2,3}, Claudio Staedler¹, Alain Kaelin-Lang^{1,2,3} & Salvatore Galati^{1,2}

Safety and tolerability of liposomal GM1 in patients with Parkinson disease: A single center open-label clinical phase I trial (NEON trial)

Michael Schüpbach, Konolfingen, for the NEON Study Group

Effect of ventrodorsal position of Vim-ablation on tremor response and side-effects in MRgHiFUS treatment for tremor

Fabian Büchele, MD; Sujitha Mahendran, MD; Mechtild Uhl; Carola Freudinger; Angelina Maric, PhD; Nicole Sarangi Heeb; Markus Florian Oertel, MD; Christian Rainer Baumann, MD; Lennart Henning Stieglitz, MD

Mobility in atypical parkinsonism: a randomized trial of physiotherapy

Tabea SCHOENFELDT-REICHMANN¹, Cecilia RACCAGNI², Victoria SIDOROFF³, Gregor WENNING³, Jochen KLUCKEN⁴, Jürgen WINKLER⁵, Bjoern ESKOFIER⁶, Heiko GASSNER⁷, Kamiar AMINIAN⁸, David BENNINGER¹ and all investigators and collaborators of the study.

- 1 Service de Neurologie, Département des Neurosciences Cliniques, Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, Suisse
- 2 Department of Neurology, Regional Hospital San Maurizio, Bolzano, South Tyrol
- 3 Department of Neurology and Neurosurgery, Medizinische Universität Innsbruck, Austria
- 4 University of Luxembourg, Luxembourg Institute of Health, Centre Hospitalier du Luxembourg, Luxembourg
- 5 Neurologische Klinik Abteilung für Molekulare Neurologie, Universitätsklinikum Erlangen, Germany
- 6 Machine Learning and Data Analytics Lab, Department of Computer Science, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
- 7 Movement Analysis and Digital Medicine, Department of Molecular Neurology, University Hospital Erlangen, Germany
- 8 Laboratory of Motion Analysis and Measurement, Institute of Bioengineering, école Polytechnique Fédérale de Lausanne, Lausanne, Suisse

REGISTRATION

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ATTENTION:

Certificates of participation are sent by email only

We thank you for your attention
Swiss Movement Disorders Society



Registration by 24.10.2023