Program-at-a-Glance

International Congress of Parkinson’s Disease and Movement Disorders®

NICE, FRANCE SEPTEMBER 22-26, 2019
## International Congress Schedule-at-a-Glance

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<td>Therapeutic Plenary Session 8:00 - 10:00</td>
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<td>MDS Regional Assemblies 10:00 - 11:00</td>
<td>Break 10:00 - 10:30</td>
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<td>Plenary Session (Controversies) 10:00 - 11:00</td>
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<td>Plenary Session 10:00 - 12:00</td>
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<td>Skills Workshops, Video Sessions, Special Topic Sessions 18:00 - 19:30</td>
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### Legend:
- **CME Accredited Sessions**
- **Non-CME Educational Activities**
- **Corporate Therapeutic Symposia (non-CME)**
- **MDS Activities**
- **Events**
- **Breaks**
Welcome to Nice

Dear Colleagues,

On behalf of the International Parkinson and Movement Disorder Society (MDS), we are pleased to invite you to the International Congress of Parkinson’s Disease and Movement Disorders® in Nice, France from September 22-26, 2019.

Nice is a charming, picturesque city nestled on the southeast coast of France at the foot of the Alps and extending along the Mediterranean Sea. In addition to the draw of the dynamic landscape, including the Promenade des Anglais situated beside marine reserves and breathtaking ocean views, Nice is recognized for its distinctive architecture and history, with an abundance of historical museums, art galleries, castles, and palaces. The territory is also home to several major research centers and global scientific laboratories, making it the idyllic location for the 2019 International Congress.

We look forward to gathering as a community of clinicians, scientists, and healthcare professionals to learn about the latest advancements and research in the field of Movement Disorders. We expect inspiring discussions, invaluable networking opportunities, and an unforgettable experience.

With kind regards,

Christopher Goetz, President, International Parkinson and Movement Disorder Society, 2017-2019
Buz Jinnah, Chair, Congress Scientific Program Committee, 2017-2019
Jean-Christophe Corvol, Co-Chair, Congress Scientific Program Committee, 2019

International Congress Information

CME Information

Target Audience
Clinicians, researchers, post-doctoral fellows, medical residents, medical students, allied health professionals with an interest in current clinical trends and approaches for diagnosis and treatment of movement disorders.

Objectives
1) Evaluate the pharmacological and non-pharmacological management options available for Parkinson’s disease and other movement disorders
2) Discuss the diagnostic approaches and tools available for Parkinson’s disease and other movement disorders
3) Describe the pathogenesis and neurobiology of Parkinson’s disease and other movement disorders

Satisfactory Completion
Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty, it is your responsibility to contact your licensing/certification board to determine course eligibility for your board requirement.

Accreditation Statement
The International Parkinson and Movement Disorder Society is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

Credit Designation Statement
The International Parkinson and Movement Disorder Society designates this live activity for a maximum of 33.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
International Congress Session Definitions

CME Accredited Sessions

2019 International Congress Themed Sessions: At each annual International Congress, the Congress Scientific Program Committee selects a theme that is highlighted throughout the meeting. This year’s theme, Translating the Science of Movement Disorders into Clinical Practice, will be showcased with international experts serving as faculty. Delegates can elect to attend any or all of these sessions. Themed sessions are designated in the program with a special symbol.

Controversies: This Plenary Session is designed to involve all International Congress delegates. Content is prepared to stimulate interest and debate among a panel of experts. Views from several angles will be addressed as discussion of pre-selected “hot” topics will be open for debate among the panelists.

Grand Rounds: In this interactive session, MDS experts will examine both common and rare movement disorder patients. The audience will learn how they formulate diagnoses and manage these interesting and challenging patients.

Parallel Sessions: These concurrent sessions provide an in-depth summary of new clinical and basic research findings, state-of-the-art treatment options, and future strategies on a variety of focused topics within the field of Movement Disorders.

Plenary Sessions: These sessions provide an overview of the latest clinical and basic science research findings and state-of-the-art information relating to topics of broad interest within the field of Movement Disorders.

Skills Workshops: These concurrent sessions provide practical illustrations of clinical or scientific techniques relevant to the field of Movement Disorders through video examples and equipment demonstrations.

NEW! Special Topics in Movement Disorders: These interactive sessions address “hot” topics in science or medicine using a variety of different formats that may include lectures, video presentations, and audience interaction.

Teaching Courses: These educational programs provide up-to-date information focused on a single topic. The sessions highlight both the clinical and basic science of topics of relevance to Movement Disorder specialists. The sessions are unique in providing a syllabus that includes a review of the topic and the presentation slides.

Therapeutic Plenary Sessions: These sessions provide an overview of the latest, state-of-the-art treatment options in the field of Movement Disorders into Clinical Practice.

Video Sessions: These concurrent sessions focus on video demonstrations to provide an overview of clinical movement disorders.

Corporate Therapeutic Symposia (non-CME)

These company-based informational sessions provide delegates with non-CME educational opportunities to learn the latest in therapeutics.

Non-CME Accredited Educational Activities

Guided Poster Tours: Guided Poster Tours give small groups of delegates an opportunity to hear discussion on a select group of abstracts in several different topics.

Poster Sessions: Poster sessions give each delegate an opportunity to view their colleagues’ posters on the most current research in the field of Movement Disorders. Posters are available for daily viewing and authors are present for 90 minutes to discuss their work and answer questions.

NEW! Science of Industry Session: These interactive sessions will provide delegates with a non-CME educational opportunity to learn about novel therapeutic agents under development by industry. Sessions may incorporate basic scientists or clinicians working in industry, and topics may address the biological rationale or development process for specific therapeutics in development within the field of Movement Disorders.

International Congress Events

MDS Video Challenge: The goal of this session is for delegates to learn from a series of unusual patients and observe how senior experts approach a challenging case. A world-renowned panel of Movement Disorders experts guide delegates through unique Movement Disorder cases as they are presented by representatives from Movement Disorder centers around the world.

Welcome Ceremony: All International Congress delegates are warmly invited to attend the Welcome Ceremony at the Nice Acropolis Convention and Exhibition Centre. This event is open to all open to all registered delegates and there is no additional fee to attend.

MDS Activities

MDS Business Meeting: Open to all International Congress delegates, the Society encourages Members to attend the MDS Business Meeting to receive updates from the MDS President and other MDS Officers on the Society, the various Regional Sections, to participate in the Officers’ and IEC election and to discuss other Society concerns.

Regional Assemblies: Delegates from each of the various MDS Regional Sections (MDS-AOS, MDS-ES, MDS-PAS, and Africa) are invited to participate in the Regional Assemblies to receive updates on activities and general concerns from within the sections.

International Congress Faculty Roles

Chair: Facilitates the learnings of the session; ensures that learning objectives are met during the presentation(s), and engages the learners as needed.

CSPC Liaison: Develops the session from the onset and provides guidance to ensure that the overall objectives are met.

Speaker / Presenter: Creates and delivers the presentation materials, and participates in the dialogue of the session.
Sunday, September 22, 2019

1101 Therapeutic Plenary Session

Recognition and Treatment of Early Stage Parkinson's Disease
8:00 – 10:00
Chairs: Franck Durif, France
       Susan Fox, Canada
       Daniela Berg, Germany
       Shen-Yang Lim, Malaysia
       Olivier Rascol, France

Distinguishing Prodromal and Early Parkinson's Disease
Treatment of Early Parkinson's Disease
Disease Modifying Treatment for Parkinson's Disease: Current and Future

CSPC Liaison: Shengdi Chen, People's Republic of China
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

1102 Therapeutic Plenary Session

Recognition and Treatment of Complications in Later Stage Parkinson's Disease
11:00 – 13:00
Chairs: Elena Moro, France
       Louis Tan, Singapore
       Angelo Antonini, Italy
       Jennifer Goldman, USA
       Nir Giladi, Israel

Motor and Non-Motor Fluctuations and Dyskinesias
Cognitive, Behavioral and Psychiatric Problems
Gait, Balance and Falls

CSPC Liaison: Han-Joon Kim, South Korea
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

1103 Therapeutic Plenary Session

Diagnosis and Treatment of Atypical Parkinsonian Disorders
14:30 – 16:30
Chairs: Irene Litvan, USA
        Francois Tison, France
        Maria Teresa Pellecchia, Italy

Clinical Manifestations of Atypical Parkinsonian Disorders
Ancillary Investigations for the Diagnosis of Atypical Parkinsonian Disorders
Therapeutic Options for Atypical Parkinsonian Disorders

CSPC Liaison: Wassilios Meissner, France
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

1104 Therapeutic Plenary Session

Recognition and Treatment of Dystonia, Tremor and Ataxia
17:00 – 19:00
Chairs: Antonio Strafella, Canada
        Christine Tranchant, France
        Elan Louis, USA

Therapeutic Options for Dystonia
Management of Ataxia

CSPC Liaison: Antonio Strafella, Canada
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2019 International Congress Theme

At each annual International Congress, the Congress Scientific Program Committee selects a theme that is highlighted throughout the meeting. This year’s theme, Translating the Science of Movement Disorders into Clinical Practice, will be showcased in three Plenary Sessions, eleven Parallel Sessions, one Skills Workshop, and one Special Topic Session. International experts will serve as faculty, and the meeting delegates can elect to attend any or all of these sessions.

Themed sessions
Recorded sessions
Ticketed sessions
Monday, September 23, 2019

2101 Plenary Session

**Presidential Lectures**
8:00 – 10:00
Chairs: Christopher Goetz, USA
Claudia Trenkwalder, Germany
Stanley Fahn Lecture
Cynthia Comella, USA
Junior Award Lectures
To Be Announced
C. David Marsden Lecture
Christine Klein, Germany

CSPC Liaison: Buz Jinnah, USA
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2102 Plenary Session

**Update on Neurosurgical Interventions for Movement Disorders**
10:30 – 12:30
Chairs: Jean-Philippe Azulay, France
Stéphane Palfi, France
Redefining Neurosurgical Indications and Interventions for Movement Disorders
Helen Bronte-Stewart, USA
Lessons Learned and Current Developments in Neuromodulation
Maria Fiorella Contarino, Netherlands
Overview on MRI-Focused Ultrasound
Clement Hamani, Canada

CSPC Liaison: Elena Moro, France
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2203 Parallel Session

**Cognitive Issues in Parkinson’s Disease**
15:30 – 17:30
Chairs: Bruno Dubois, France
Jennifer Goldman, USA
Cognitive Impairment: Clinical Phenotype and Heterogeneity
Caroline Williams-Gray, United Kingdom
Neuromaging Markers of Cognitive Dysfunction
Antonio Strafella, Canada
Management Strategies for Cognitive Issues
Irena Rektorova, Czech Republic

CSPC Liaison: Jennifer Goldman, USA
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2204 Parallel Session

**Parkinson’s Disease and Atypical Parkinsonism: Tauopathies vs. Synucleinopathies**
15:30 – 17:30
Chairs: Irene Litvan, USA
Maria Stamoulou, Greece
Diagnostic Pearls in Recognizing Tauopathies vs. Synucleinopathies
Stephen Reich, USA
Pathophysiology and Targets for Therapeutic Interventions
Lawrence Golbe, USA
Disease Modifying Therapies
Huw Morris, United Kingdom

CSPC Liaison: Irene Litvan, USA
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2205 Science of Industry Session (non-CME)

See page 14 for complete session information

2206 Parallel Session

**Ataxia**
15:30 – 17:30
Chairs: Alexandra Durr, France
Hello Teive, Brazil
The Clinical Approach to Patients with Ataxia
Hidehiro Mizusawa, Japan
From Phenotype to Genotype in Ataxia
Alexandra Durr, France
Ataxia Syndromes in Children and Adults
Ludger Schöels, Germany

CSPC Liaison: Buz Jinnah, USA
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

*This presentation is offered in collaboration with the European Academy of Neurology*
Monday, September 23, 2019

2207 Parallel Session

Tics and Tourette Syndrome: From Bench to Bedside
15:30 – 17:30

Chairs: Andreas Hartmann, France
Davide Martino, Canada

Motor and Behavioral Spectrum of Tics and Tourette Syndrome
Christos Ganos, Germany
Pathophysiology of Tics and Tourette Syndrome
Yulia Worbe, France
Pharmacological and Non-Pharmacological Therapy of Tics and Tourette Syndrome
Davide Martino, Canada

CSPC Liaison: Jean-Christophe Corvol, France

Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2208 Parallel Session

Translating the Science of Functional (Psychogenic) Movement Disorders Into Clinical Practice
15:30 – 17:30

Chairs: Beomseok Jeon, South Korea
Kathrin LaFaver, USA

Connecting Pathophysiology and Risk Factors to Clinical Care in Functional Movement Disorders
Selma Aybek Rusca, Switzerland

Treatment Choices in Functional Movement Disorders: Established and Novel Treatments
Kathrin LaFaver, USA

Putting it Together: How to Develop and Run a Clinical Service for Functional Movement Disorders
Mark Edwards, United Kingdom

CSPC Liaison: Beomseok Jeon, South Korea

Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2309 Teaching Course

Integrated Management of Movement Disorders: The Example of Parkinson's Disease
15:30 – 17:30

Chairs: Alice Nieuwboer, Belgium
Mayela Rodriguez Violante, Mexico

How to Organize Multidisciplinary Care
Carsten Eggers, Germany

Physical and Occupational and Speech Therapy
Alice Nieuwboer, Belgium

Shifting Management Towards Patient-Centered Care and Empowerment
Maria Piemonte, Brazil

CSPC Liaison: Wassilios Meissner, France

Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

This course will be recorded and developed into an online MDS eLearning module that will be available to MDS Members.

2310 Teaching Course

Using Imaging Methods for Movement Disorders
15:30 – 17:30

Chairs: Han-Joon Kim, South Korea
Stephane Lehericy, France

Structural and Functional MRI Imaging
Stephane Lehericy, France

Brain Imaging Using PET and SPECT
Jee-Young Lee, South Korea

Other Novel and Non-CNS Imaging Techniques
Thilo Van Eimeren, Germany

CSPC Liaison: Han-Joon Kim, South Korea

Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

This course will be recorded and developed into an online MDS eLearning module that will be available to MDS Members.

2411 Skills Workshop

Advanced Therapies for Movement Disorders: Difficult Cases and Pitfalls
18:00 – 19:30

Tove Henriksen, Denmark
Andrea Kühn, Germany

CSPC Liaisons: Elena Moro, France
Claudia Trenkwalder, Germany

Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees
Monday, September 23, 2019

2412 Skills Workshop [TICKET]
Using Genetic Tools for Diagnosis
18:00 – 19:30
Hui Fang Shang, People's Republic of China
Matthias Synofzik, Germany
CSPC Liaison: Vincenzo Bonifati, Netherlands
Recommended Audience: Basic scientists, Clinical academicians, Practitioners, Students/Residents/Trainees

2413 Skills Workshop [TICKET]
Metabolic Movement Disorders
18:00 – 19:30
Mayela Rodriguez Violante, Mexico
Jennifer Friedman, USA
CSPC Liaison: Maria Stamelou, Greece
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2514 Video Session [TICKET]
Atypical Parkinsonism
18:00 – 19:30
Gesine Respondek, Germany
Iva Stankovic, Serbia
CSPC Liaison: Ryosuke Takahashi, Japan
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2515 Video Session [TICKET]
A Case-Based Approach to Dystonia: What Would You Do?
18:00 – 19:30
Susan Bressman, USA
Joseph Jankovic, USA
CSPC Liaison: Steven Frucht, USA
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2616 Special Topics in Movement Disorders [TICKET]
The Future Is Now: Telemedicine in Your Movement Disorders Practice
18:00 – 19:30
Esther Cubo Delgado, Spain
Ali Shalash, Egypt
CSPC Liaison: Maria Stamelou, Greece
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2617 Special Topics in Movement Disorders [TICKET]
Gait Disorders: From Pathophysiology to the Clinic
18:00 – 19:30
Klaus Jahn, Germany
Jorik Nonnekes, Netherlands
CSPC Liaison: Alice Nieuwboer, Belgium
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

2618 Special Topics in Movement Disorders [TICKET]
Induced Pluripotent Stem Cells (iPS) and Organoids: State-of-the-Art
18:00 – 19:30
Agnete Kirkeby, Denmark
Wim Mandemakers, Netherlands
CSPC Liaison: Vincenzo Bonifati, Netherlands
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees
## Tuesday, September 24, 2019

### 3101 Plenary Session

**Tremor Disorders: Challenges and Future Directions**  
8:00 – 9:30  
Chairs:  
- Kailash Bhatia, United Kingdom  
- Maria Stamelou, Greece

- Overview of the New Classification Scheme for Tremor  
  Rodger Elble, USA  
- What Do We Know About Etiologies?  
  Peter Bain, United Kingdom  
- Pathophysiology of Tremor: Is Pathophysiology Useful in Diagnosis and Classification?  
  Rick Helmich, Netherlands

CSPC Liaison: Maria Stamelou, Greece  
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

### 3102 Plenary Session

**Grand Rounds**  
10:30 – 12:30  
MDS Experts:  
- Tim Anderson, New Zealand  
- Mathieu Anheim, France  
- Steven Frucht, USA  
- Timothy Lynch, Ireland

CSPC Liaison: Jean-Christophe Corvol, France  
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

### 3203 Parallel Session

**Psychosis and Hallucinations in Lewy Body Disorders**  
15:30 – 17:30  
Chairs:  
- Gilles Fenelon, France  
- Simon Lewis, Australia

- Current Theories on Visual Hallucinations  
  Nico Diederich, Luxembourg  
- Neuroimaging and Visual Hallucinations: A Window Into Their Mechanism  
  Simon Lewis, Australia  
- Management Strategies for Visual Hallucinations and Psychosis  
  Laura Marsh, USA

CSPC Liaison: Jennifer Goldman, USA  
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

### 3204 Parallel Session

**Challenges in Clinicogenetic Correlations: One Gene - Many Phenotypes; One Phenotype - Many Genes**  
15:30 – 17:30  
Chairs:  
- Vincenzo Bonifati, Netherlands  
- Enza Maria Valente, Italy

- One Gene – Many Phenotypes  
  Niccolo Mencacci, USA  
- One Phenotype – Many Genes  
  Aurelie Meneret, France  
- Clinical Implications – Diagnosis and Management Strategies  
  Enza Maria Valente, Italy

CSPC Liaison: Vincenzo Bonifati, Netherlands  
Recommended Audience: Basic scientists, Clinical academicians, Practitioners, Students/Residents/Trainees

### 3205 Parallel Session

**Myoclonus**  
15:30 – 17:30  
Chairs:  
- Marina De Koning-Tijssen, Netherlands  
- Steven Frucht, USA

- The Essential Role of Physiology in Understanding and Evaluating Myoclonus  
  Hiroshi Shibasaki, Japan  
- The Progressive Myoclonic Epilepsies - How Genetics Have Revolutionized Understanding of These Disorders  
  Pierre Genton, France  
- Treatment of Myoclonus: What Is the Evidence?  
  Martje Van Egmond, Netherlands

CSPC Liaison: Steven Frucht, USA  
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

### 3206 Parallel Session

**Translational Science of Dystonia**  
15:30 – 17:30  
Chairs:  
- William Dauer, USA  
- Marie Vidalhiet, France

- How Genetics, Cell Biology and Animal Models Informed Our Understanding of Dystonia  
  William Dauer, USA  
- Dystonia as a Network Disorder: How Physiology and Imaging Have Informed Our Understanding of Dystonia  
  Ryuji Kaji, Japan  
- The Mystery of Deep Brain Stimulation in Dystonia: Are We Any Closer to Understanding How it Works?  
  Jill Ostrem, USA

CSPC Liaison: Carolyn Sue, Australia  
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees
### Tuesday, September 24, 2019

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<th>Time</th>
<th>Session/Workshop</th>
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<th>Chairs/Authors</th>
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| **3207** | **Parallel Session** | Drug Repurposing in Parkinson's Disease                                | Wassilios Meissner, France  
D. James Surmeier, USA  
Recent and Ongoing Clinical Trials with Repurposed Drugs  
Michael Schwarzschild, USA  
Repurposing Anti-Hypertensive Drugs: Rationale and Clinical Experience  
Tatyana Simuni, USA  
Insulin Resistance and Diabetes: Repurposing Antidiabetics as Disease Modifying Treatments  
Wassilios Meissner, France |  
CSPC Liaison: Angela Cenci, Sweden  
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees |
| **3208** | **Science of Industry Session (non-CME)** | See page 14 for complete session information |  
| **3309** | **Teaching Course** | Recognition and Management of Sleep Disturbances in Movement Disorders | Ron Postuma, Canada  
Aleksandar Videnovic, USA  
Insomnia and Somnolence in Movement Disorders  
Aleksandar Videnovic, USA  
Restless Legs Syndrome in Movement Disorders  
Juliane Winkelmann, Germany  
Parasomnias and Sleep-Related Breathing Disorders in Movement Disorders  
Ron Postuma, Canada |  
CSPC Liaison: Wassilios Meissner, France  
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees |
| **3310** | **Teaching Course** | Pediatric Movement Disorders                                           | Manju Kurian, United Kingdom  
Ali Shalash, Egypt  
Transient Benign Movement Disorders of Infancy  
Emilio Fernández-Alvarez, Spain  
Genetic Movement Disorders in Children and Adolescents  
Manju Kurian, United Kingdom  
Acquired Movement Disorders in Children and Adolescents  
Darius Ebrahimi-Fakhari, USA |  
CSPC Liaison: Wassilios Meissner, France  
Recommended Audience: Basic scientists, Clinical academicians, Practitioners, Students/Residents/Trainees |
| **3411** | **Skills Workshop** | Allied Health Professionals’ Skills for Proactive Patient Management  
18:00 – 19:30  
Terry Ellis, USA  
Sue Thomas, United Kingdom | CSPC Liaison: Alice Nieuwboer, Belgium  
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees |
| **3412** | **Skills Workshop** | Clinical Applications of Big Data Analytics in Movement Disorders: Challenges, Promises and Potentials  
18:00 – 19:30  
Jean-Christophe Corvol, France  
Charles Venuto, USA |  
CSPC Liaison: Roongroj Bhidayasiri, Thailand  
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees |
| **3413** | **Skills Workshop** | Monogenic Hyperkinetic Disorders with Variable Phenotypes  
18:00 – 19:30  
Martin Paucar Arce, Sweden  
Ana Westenberger, Germany |  
CSPC Liaison: Vincenzo Bonifati, Netherlands  
Recommended Audience: Basic scientists, Clinical academicians, Students/Residents/Trainees |
| **3414** | **Skills Workshop** | Eye Movements: A Case-Based Approach  
18:00 – 19:30  
Vivek Lal, USA  
Aasef Shaikh, USA |  
CSPC Liaison: Roongroj Bhidayasiri, Thailand  
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees |
| **3415** | **Skills Workshop** | A Case-Based Approach for Management of Motor Fluctuations and Dyskinesias  
18:00 – 19:30  
Han-Joon Kim, South Korea  
Fabrizio Stocchi, Italy |  
CSPC Liaison: Maria Stamelou, Greece  
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees |
Tuesday, September 24, 2019

3516 Video Session

Movement Disorder Emergencies
18:00 – 19:30
Roongroj Bhidayasiri, Thailand
Anna Castrioto, France
CSPC Liaison: Shen-Yang Lim, Malaysia
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3617 Special Topics in Movement Disorders

Axial Movement Disorders: Camptocormia, Pisa Syndrome, Antecollis, and Retrocollis
18:00 – 19:30
Günther Deuschl, Germany
Michele Tinazzi, Italy
CSPC Liaison: Buz Jinnah, USA
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

Wednesday, September 25, 2019

4101 Plenary Session

Predicting Parkinson’s Disease Onset and Progression
8:00 – 9:30
Chairs: Jean-Christophe Corvol, France
Matthew Stern, USA
What Can Big Cohorts Add to Prediction for Parkinson’s Disease?
Andrew Siderowf, USA
Precision Medicine: Insights from Genetic and Other Biomarkers
Rejko Krueger, Luxembourg
Sleep and Parkinson’s Disease: Prediction and Progression
Friederike Sixel-Doring, Germany
CSPC Liaison: Jean-Christophe Corvol, France
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

4102 Plenary Session

Autoimmune Movement Disorders: From Phenomenology to Immunopathogenesis
10:00 -12:00
Chairs: Jerome Honnorat, France
Carolyn Sue, Australia
How Do I Recognize an Autoimmune Movement Disorder?
Josep Dalmau, USA
The Pathogenesis of Autoimmune Movement Disorders
Angela Vincent, United Kingdom
Therapeutic Approaches to Autoimmune Movement Disorders
Sean Pittock, USA
CSPC Liaison: Carolyn Sue, Australia
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees
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<tr>
<th>Session Code</th>
<th>Session Title</th>
<th>Date</th>
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<th>Chairs</th>
<th>CSPC Liaison</th>
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<tbody>
<tr>
<td>4203</td>
<td>Placebos in Parkinson's Disease and Other Movement Disorders</td>
<td>Wednesday</td>
<td>15:00 – 17:00</td>
<td>Christopher Goetz, Olivier Rascol</td>
<td>Jean-Christophe Corvol, France</td>
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<td>4204</td>
<td>Huntington's Disease: From Bench to Bedside</td>
<td>Wednesday</td>
<td>15:00 – 17:00</td>
<td>Sandrine Humbert, Karen Marder</td>
<td>Emilia Gatto, Argentina, Karen Marder</td>
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<td>4205</td>
<td>How to Diagnose Rare Movement Disorders</td>
<td>Wednesday</td>
<td>15:00 – 17:00</td>
<td>Pedro Garcia Ruiz, Pramod Pal</td>
<td>Shen-Yang Lim, Malaysia</td>
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<td>4206</td>
<td>Spasticity: From Bench to Bedside</td>
<td>Wednesday</td>
<td>15:00 – 17:00</td>
<td>Mark Hallett, Raymond Rosales</td>
<td>Angela Cenci, Sweden</td>
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<td>4207</td>
<td>Translating Genetic Discoveries into Disease-Modifying Strategies for Parkinson's Disease</td>
<td>Wednesday</td>
<td>15:00 – 17:00</td>
<td>Alexis Brice, Carolyn Sue</td>
<td>Vincenzo Bonifati, Netherlands</td>
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<td>4208</td>
<td>Dyskinesia in Parkinson's Disease: From the Bedside to the Lab Bench</td>
<td>Wednesday</td>
<td>15:00 – 17:00</td>
<td>Angelo Antonini, Philippe Damier</td>
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Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees.
Wednesday, September 25, 2019

4309 Teaching Course
Recognition and Management of Non-Motor Symptoms in Parkinson’s Disease
15:00 – 17:00
Chairs: Bastiaan Bloem, Netherlands  
K. Ray Chaudhuri, United Kingdom
Recognition and Management of Neuropsychiatric Disorders  
Daniel Weintraub, USA
Recognition and Management of Dysautonomia  
Alessandra Fanciulli, Austria
Recognition and Management of Pain and Fatigue  
K. Ray Chaudhuri, United Kingdom
CSPC Liaison: Wassilios Meissner, France
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

4310 Teaching Course
Palliative Care for Parkinson’s Disease
15:00 – 17:00
Chairs: Nicholas Galifianakis, USA  
Victor McConvey, Australia
Definition and Models of Palliative Care  
Stefan Lorenzl, Germany
Managing Palliative Needs of Patients and Their Caregivers  
Nicholas Galifianakis, USA
End-of-Life Care  
Miguel Goelho, Portugal
CSPC Liaison: Wassilios Meissner, France
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

4411 Skills Workshop
Practical Use of the MDS-UPDRS
17:30 – 19:00
Evzen Ruzicka, Czech Republic  
Glenn Stebbins, USA
CSPC Liaison: Christopher Goetz, USA
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

4412 Skills Workshop
Functional (Psychogenic) Movement Disorders
17:30 – 19:00
Isabel Parees, Spain  
Jon Stone, United Kingdom
CSPC Liaison: Beomseok Jeon, South Korea
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

4413 Skills Workshop
Neuromodulation for Movement Disorders: A Case-Based Approach
17:30 – 19:00
Joohi Jimenez-Shahed, USA  
Frank Steigerwald, Germany
CSPC Liaison: Elena Maro, France
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

4414 Skills Workshop
Botulinum Toxins: Difficult Cases and Pitfalls
17:30 – 19:00
Austen Peter Moore, United Kingdom  
Raymond Rosales, Philippines
CSPC Liaison: Roland Dominic Jamora, Philippines
Recommended Audience: Clinical academicians, Practitioners, Students/Residents/Trainees

4515 Video Session
Lessons From My Patients
17:30 – 19:00
Francisco Cardoso, Brazil  
Janet Rucker, USA
CSPC Liaisons: Shengdi Chen, People’s Republic of China  
Steven Frucht, USA
Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

4516 Video Session
Video Demonstration of Pediatric Movement Disorders
17:30 – 19:00
Miryam Carecchio, Italy  
Rose Pons, Greece
CSPC Liaison: Maria Stamelou, Greece
Recommended Audience: Clinical academicians, Practitioners, Students/Residents/Trainees

4617 Special Topics in Movement Disorders
Sleep Disorders: REM Sleep Behavior Disorder
17:30 – 19:00
Michael Howell, USA  
Michele Hu, United Kingdom
CSPC Liaison: Claudia Trenkwalder, Germany
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees
Wednesday, September 25, 2019

4618 Special Topics in Movement Disorders
Normal Pressure Hydrocephalus for Movement Disorders Neurologists
17:30 – 19:00
Alfonso Fasano, Canada
Joachim Krauss, Germany
CSPC Liaison: Beomseok Jeon, South Korea
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

Thursday, September 26, 2019

5101 Themed Plenary Session
Synuclein in Parkinson’s Disease and Atypical Parkinsonism: From Bench to Bedside
8:00 – 9:30
Chairs: Etienne Hirsch, France
Werner Poewe, Austria
Is Synucleinopathy a Single Entity?
Glenda Halliday, Australia
Pathogenic Spreading in the Synucleinopathies
Erwan Bezard, France
Clinical Trials in Synucleinopathies
Brit Mollenhauer, Germany
CSPC Liaison: Etienne Hirsch, France
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

5102 Plenary Session
Controversies in Movement Disorders
10:00 – 11:00
Chairs: Oscar Gershanik, Argentina
Antonio Strafella, Canada
Is There a Role for Cannabinoids in Movement Disorders? (YES)
Benzi Kluger, USA
Is There a Role for Cannabinoids in Movement Disorders? (NO)
Janis Miyasaki, Canada
Early Deep Brain Stimulation in Parkinson’s Disease? (YES)
Patricia Limousin, United Kingdom
Early Deep Brain Stimulation in Parkinson’s Disease? (NO)
Beomseok Jeon, South Korea
CSPC Liaison: Antonio Strafella, Canada
Recommended Audience: Basic scientists, Clinical academicians, Practitioners, Students/Residents/Trainees

5103 Plenary Session
Highlights for 2019: Looking Towards 2020
11:00 – 12:00
Chairs: Vincenzo Bonifati, Netherlands
Christopher Goetz, USA
Basic Sciences
Etienne Hirsch, France
Clinical Sciences
Claudia Trenkwalder, Germany
CSPC Liaisons: Vincenzo Bonifati, Netherlands
Claudia Trenkwalder, Germany
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees
Non-CME Educational Activities

NEW! Science of Industry Session (non-CME):
These interactive sessions will provide delegates with a non-CME educational opportunity to learn about novel therapeutic agents under development by industry. Sessions may incorporate basic scientists or clinicians working in industry, and topics may address the biological rationale or development process for specific therapeutics in development within the field of Movement Disorders.

Monday, September 23, 2019

2205 Science of Industry Session (non-CME)

Novel Treatment Strategies for Rare Movement Disorders
15:30 – 17:30

Chairs: David Devos, France
Buz Jinnah, USA

PKAN: A Comparison of Multiple Potential Mechanisms and Treatment Strategies for Addressing the Biochemical Defect
Thomas Klopstock, Germany

GLUT1: A Comparison of Treatment Strategies for Bypassing the Glucose Transporter Defect
Emmanuel Roze, France

Reducing Brain Iron in Degenerative Disorders
Massimo Pandolfo, Belgium

CSPC Liaison: Buz Jinnah, USA
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

Tuesday, September 24, 2019

3208 Science of Industry Session (non-CME)

Translating Scientific Discovery into Novel Treatments for Movement Disorders
15:30 – 17:30

Chairs: Stanley Fahn, USA
Buz Jinnah, USA

How Does Industry Decide Which Scientific Discoveries to Pursue?
Jesse Cedarbaum, USA

Targeting LRRK2 for Parkinson’s Disease
Carole Ho, USA

The Biology of Pathological Oscillations in the Brain: Potential Novel Targets for Tremor Disorders?
Margaret Lee, USA

CSPC Liaison: Buz Jinnah, USA
Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees