

Program-at-a-Glance

International Congress of
Parkinson's Disease and Movement Disorders

October 5-9, 2018

HONG KONG

www.mdscongress.org



International Parkinson and
Movement Disorder Society



International Congress Schedule-at-a-Glance

	Friday, October 5	Saturday, October 6	Sunday, October 7	Monday, October 8	Tuesday, October 9
7:00	Committee Meetings 7:00 - 8:00	Committee Meetings 7:00 - 8:00	Committee Meetings 7:00 - 8:00	Committee Meetings 7:00 - 8:00	Committee Meetings 7:00 - 8:00
7:30					
8:00	Therapeutic Plenary Session 8:00 - 10:00	Plenary Session (Presidential Lectures) 8:00 - 10:00	Plenary Session 8:00 - 9:30	Plenary Session 8:00 - 9:30	Plenary Session 8:00 - 9:30
8:30					
9:00					
9:30	Regional Assemblies 10:00-11:00	Break 10:00 - 10:30	Break 9:30 - 10:30	Break 9:30 - 10:00	Break 9:30 - 10:00
10:00					
10:30	Therapeutic Plenary Session 11:00 - 13:00	Plenary Session 10:30 - 12:30	Plenary Session (Grand Rounds) 10:30 - 12:30	Plenary Session 10:00 - 12:00 (Grand Rounds)	Controversies 10:00 - 11:00
11:00					
11:30					
12:00	Break 13:00 - 14:30	Corporate Therapeutic Symposia 12:45 - 13:45	Corporate Therapeutic Symposia 12:45 - 13:45	Corporate Therapeutic Symposia 12:15 - 13:15	Blue Ribbon Highlights 11:00- 12:00
12:30					
13:00	Therapeutic Plenary Session 14:30 - 16:30	Break/ Guided Poster Tours/ Poster Sessions 13:45 - 15:15	Break/ Guided Poster Tours/ Poster Sessions 13:45 - 15:15	Break/ Guided Poster Tours/ Poster Sessions 13:15 - 14:45	End
13:30					
14:00					
14:30	Break 16:30 - 17:00	Parallel Sessions/ Teaching Courses 15:30 - 17:30	Parallel Sessions/ Teaching Courses 15:30 - 17:30	Break 14:45 - 15:00	Parallel Sessions/ Teaching Courses 15:00 - 17:00
15:00					
15:30	Therapeutic Plenary Session 17:00 - 19:00	Break 17:30 - 18:00	Break 17:30 - 18:00	Break 17:00 - 17:30	Skills Workshops/ Video Sessions 17:30 - 19:00
16:00					
16:30					
17:00	Break 19:00 - 19:30	Skills Workshops/ Video Sessions 18:00 - 19:30	Skills Workshops/ Video Sessions 18:00 - 19:30	Break 17:00 - 17:30	Skills Workshops/ Video Sessions 17:30 - 19:00
17:30					
18:00	Welcome Ceremony 19:30 - 21:30			MDS Video Challenge	
18:30					
19:00					
19:30					
20:00					
20:30					
21:00					

Program-at-a-Glance

Welcome to Hong Kong

Dear Colleagues,

On behalf of the International Parkinson and Movement Disorder Society (MDS), we are pleased to formally invite you to attend the International Congress of Parkinson's Disease and Movement Disorders in Hong Kong from October 5-9, 2018.

Hong Kong has a reputation of being a city of charm with a mix of tradition, cultural diversity and sophistication. It offers spectacular scenery and a skyline that has been regarded as the biggest visual impact of all world cities.

Each year, the International Congress attracts delegates from around the world who come to learn about the latest research and perspectives, to listen to world renowned speakers, and to be exposed to the most up-to-date information in the field of Movement Disorders. Once again, this year's International Congress promises to bring new ideas and unparalleled networking opportunities.

We look forward to welcoming you to Hong Kong and hope you will take advantage of the many exciting, educational opportunities the 2018 International Congress offers.

With kind regards,

Christopher Goetz, *President, International Parkinson and Movement Disorder Society, 2017-2019*

Hyder Jinnah, *Chair, Congress Scientific Program Committee, 2017-2019*

Beomseok Jeon, *Co-Chair, Congress Scientific Program Committee, 2018*

Vincent Mok, *Co-Chair, Congress Scientific Program Committee, 2018*

Friday, October 05, 2018

1101 Therapeutic Plenary Session

Update on Management Strategies for Parkinson's Disease
8:00 – 10:00

Chairs: Shengdi Chen, *People's Republic of China*
Alice Nieuwboer, *Belgium*

8:00 Early Pharmacologic Management
Olivier Rascol, *France*

8:40 Role of Rehabilitation and Exercise
Colleen Canning, *Australia*

9:20 Later Stage Parkinson's Disease
Anthony Lang, *Canada*

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

1102 Therapeutic Plenary Session

Update on Management Strategies for Dystonia and Tremor
11:00 – 13:00

Chairs: Marina De Koning-Tijssen, *Netherlands*
Jonas Hon Ming Yeung, *Hong Kong*

11:00 Pharmacologic Management of Dystonia and Tremor: An Under-Utilized Approach?
Tiago Mestre, *Canada*

11:40 Botulinum Toxin for Dystonia and Tremor: Old Standards and New Opportunities
Raymond Rosales, *Philippines*

12:20 Surgical Intervention for Dystonia and Tremor: Past, Present and Future
Ritesh Ramdhani, *USA*

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

1103 Therapeutic Plenary Session

Update on Management Strategies of Hyperkinetic Movement Disorders: Tics, Myoclonus, and Restless Legs Syndrome
14:30 – 16:30

Chairs: Raymond Rosales, *Philippines*
Claudia Trenkwalder, *Germany*

14:30 Update on the Management Strategy of Tics: Differential Diagnosis and New Therapeutic Approaches
Andreas Hartmann, *France*

15:10 Update on the Management Strategy of Myoclonus: Common and Rare Causes and New Therapeutic Approaches
Marina De Koning-Tijssen, *Netherlands*

15:50 Update on Restless Legs Syndrome: Pathophysiological Concepts and Evidenced Based Therapy
Juliane Winkelmann, *Germany*

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

1104 Therapeutic Plenary Session

Update on Neurosurgical Management of Movement Disorders
17:00 – 19:00

Chairs: Günther Deuschl, *Germany*
Wai Poon, *Hong Kong*

17:00 Deep Brain Stimulation Surgery for Movement Disorders: Where Do We Stand
Patricia Limousin, *United Kingdom*

17:40 Current Role of Lesions in the Management of Movement Disorders
José Obeso, *Spain*

18:20 Current Trends and New Horizons in Neurosurgery for Movement Disorders
Andres Lozano, *Canada*

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



Saturday, October 06, 2018

2101 Plenary Session

Presidential Lectures 8:00 – 10:00

Chairs: Christopher Goetz, *USA*
Claudia Trenkwalder, *Germany*
Stanley Fahn Lecture Award
Recipient
Marie Vidailhet, *France*
C. David Marsden Lecture Award
Recipient
Mahlon DeLong, *USA*

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

2102 Plenary Session

Modulation of Gene Expression and Neurodegenerative Movement Disorders 10:00 – 12:30

Chairs: Christine Klein, *Germany*
Baorong Zhang, *People's Republic of China*
10:00 Overview of Epigenetics and Its
Impact on Neurodegeneration
Tiago Outeiro, *Germany*
11:10 Overview of Non-Coding Genetic
Elements and Their Impact on
Neurodegeneration
Menno Creyghton, *Netherlands*
11:50 Therapeutic Implications of
Epigenetic and Non-Coding
Modulatory Elements
David Standaert, *USA*

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

2203 Parallel Session

Ethical Issues and Novel Technologies for the Practicing Clinician 15:30 – 17:30

Chairs: Beomseok Jeon, *South Korea*
Kapil Sethi, *USA*
15:30 Ethical Issues in Movement
Disorders
Karen Rommelfanger, *USA*
16:10 Ethical Issues with Genetic
Testing in the Next Generation
Sequencing Era
Christine Klein, *Germany*
16:50 The Role of the Clinician In the
Era of Advanced Diagnostic
Testing
Beomseok Jeon, *South Korea*

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

2204 Parallel Session

Novel Technology-Based Therapies on the Horizon 15:30 – 17:30

Chairs: Olivier Rascol, *France*
David Standaert, *USA*
15:30 Active and Passive Immunization
for Parkinson's Disease and Other
Proteinopathies
Werner Poewe, *Austria*
16:10 Gene Editing and Gene Silencing
for Huntington's Disease and
Other Genetic Disorders
Don Cleveland, *USA*
16:50 Enhancing Clearance of
Pathological Proteins in
Parkinson's Disease and Other
Proteinopathies
Seung-Jae Lee, *South Korea*

Recommended Audience: Basic scientists, Clinical academicians,
Practitioners, Students/Residents/Trainees

2205 Parallel Session

New Insights in Dystonia: Genetics, Anatomy, and Neurophysiology 15:30 – 17:30

Chairs: Mark Hallett, *USA*
Hyder Jinnah, *USA*
15:30 Genetics
Katja Lohmann, *Germany*
16:10 Neuroanatomical Perspective
Ellen Hess, *USA*
16:50 Neurophysiology
Angelo Quartarone, *Italy*

Recommended Audience: Basic scientists, Clinical academicians

2206 Parallel Session

What's New in Genetics of Movement Disorders 15:30 – 17:30

Chairs: Nobutaka Hattori, *Japan*
Baorong Zhang, *People's Republic of China*
15:30 Parkinson's Disease and
Parkinsonism
Vincenzo Bonifati, *Netherlands*
16:10 Hyperkinetic Movement
Disorders
Carolyn Sue, *Australia*
16:50 Genetic Testing in the Next-
Generation Sequencing Era
Martha Nance, *USA*

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

2207 Parallel Session

Evolution of Movement Disorders in the Pediatric Population 15:30 – 17:30

Chairs: Roland Dominic Jamora, *Philippines*
Yoshiko Nomura, *Japan*
15:30 A Practical Approach to the
Diagnosis of Movement
Disorders in Children
Yoshiko Nomura, *Japan*
16:10 The Spectrum of Childhood
Movement Disorders and Their
Evolution to Adulthood
Jennifer Friedman, *USA*
16:50 Crossing Barriers: Transitioning
From Pediatric Care to Adult Care
Martje Van Egmond, *Netherlands*

Recommended Audience: Basic scientists, Clinical academicians,
Practitioners, Students/Residents/Trainees

Saturday, October 06, 2018

2208 Parallel Session

**Late Breaking News in Movement Disorders
15:30 – 17:30**

- Chairs: Michael Okun, *USA*
Ryosuke Takahashi, *Japan*
- 15:30 IPS Cells: An Old and New Approach for Understanding and Treating Movement Disorders?
Ryosuke Takahashi, *Japan*
- 16:10 GBA Mutations: A Basis for Individualized Therapy in Parkinson's Disease?
Nir Giladi, *Israel*
- 16:50 Can Understanding LRRK2 Lead to New Therapies?
Chin-Hsien Lin, *Taiwan*

Recommended Audience: Basic scientists, Clinical academicians, Practitioners, Students/Residents/Trainees

2309 Teaching Course

**Gait Abnormalities in Movement Disorders
15:30 – 17:30**

- Chairs: Bastiaan Bloem, *Netherlands*
Barry Snow, *New Zealand*
- 15:30 How to Examine Gait and Balance
John Nutt, *USA*
- 16:10 Gait Problems in Parkinsonism and Frontal Lobe Gait Disorders
Simon Lewis, *Australia*
- 16:50 Gait Problems in Hyperkinetic Movement Disorders
Bart Van De Warrenburg, *Netherlands*

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

2310 Teaching Course

**Movement Disorders Meets Psychiatry
15:30 – 17:30**

- Chairs: Mark Edwards, *United Kingdom*
Jon Stone, *United Kingdom*
- 15:30 Psychiatric Features in Movement Disorders
Victor Fung, *Australia*
- 16:10 Functional Movement Disorders
Mark Edwards, *United Kingdom*
- 16:50 Movement Disorders in Psychiatric Patients
Peter Kempster, *Australia*

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

2411 Skills Workshop

**Traditional Methods vs. Novel Technologies for Assessing Tremor
18:00 – 19:30**

- Dietrich Haubenberger, *USA*
Fatta Nahab, *USA*

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

2412 Skills Workshop

**Practical Use of the MDS-UPDRS: A Global Effort
18:00 – 19:30**

- Vincent Mok, *Hong Kong*
Glenn Stebbins, *USA*

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

2413 Skills Workshop

**Integrative Medicine and Multidisciplinary Care
18:00 – 19:30**

- Jennifer Goldman, *USA*
Alice Nieuwboer, *Belgium*

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

2414 Skills Workshop

**Novel Scientific Tools For Advancing the Understanding of Movement Disorders
18:00 – 19:30**

- Tomas Bjorklund, *Sweden*
Alexandra Nelson, *USA*

Recommended Audience: Basic scientists, Clinical academicians, Practitioners, Students/Residents/Trainees

2515 Video Session

**Showcases From Asia
18:00 – 19:30**

- Cid Czarina Diesta, *Philippines*
Shen-Yang Lim, *Malaysia*

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

2516 Video Session

**Unusual Movement Disorders
18:00 – 19:30**

- Carlos Cosentino, *Peru*
Francesca Morgante, *Italy*

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

2517 Video Session

**How to Examine: A Clinician's Perspective of Bedside Examination
18:00 – 19:30**

- Niall Quinn, *United Kingdom*
Stephen Reich, *USA*

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

2518 Video Session

**Ataxia
18:00 – 19:30**

- Orlando Barsottini, *Brazil*
Kinya Ishikawa, *Japan*

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



Sunday, October 07, 2018

3101 Plenary Session

Update on Recent Clinical Trials 8:00 – 9:30

- Chairs: Carolyn Sue, *Australia*
Louis Tan, *Singapore*
- 8:00 Update on Clinical Trials in Parkinson's Disease: Motor
Thomas Foltynie, *United Kingdom*
- 8:30 Update on Clinical Trials in Parkinson's Disease: Non-Motor
Karen Marder, *USA*
- 9:00 Update on Clinical Trials in Atypical Parkinsonian Disorders
Wassilios Meissner, *France*

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: Kailash Bhatia, *United Kingdom*
Susan Fox, *Canada*
Yoshikuni Mizuno, *Japan*
Mayela Rodriguez Violante, *Mexico*

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

3203 Parallel Session

Advances in Stem Cells and Parkinson's Disease 15:30 – 17:30

- Chairs: Ken Yung, *Hong Kong*
Dimitri Krainc, *USA*
- 15:30 Human Stem Cells: Options Available
Jeffrey Kordower, *USA*
- 16:10 Modeling Pathogenesis of Parkinson's Disease
Dimitri Krainc, *USA*
- 16:50 Stem Cells for Therapeutics: Fantasy or Reality?
Anne Rosser, *United Kingdom*

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

3204 Parallel Session

Technologies to Advance Neuromodulation Therapy for Movement Disorders 15:30 – 17:30

- Chairs: Takaomi Taira, *Japan*
Volker Coenen, *Germany*
- 15:30 New Engineering Technologies
Alberto Priori, *Italy*
- 16:10 New Surgical Strategies
Volker Coenen, *Germany*
- 16:50 New Technologies for Patient Selection
Maria Contarino, *Netherlands*

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

3205 Parallel Session

Visual Hallucinations in Parkinson's Disease and Lewy Body Dementias: From Mechanism to Management 15:30 – 17:30

- Chairs: Jennifer Goldman, *USA*
Daniel Weintraub, *USA*
- 15:30 Current Theories on Visual Hallucinations
John-Paul Taylor, *United Kingdom*
- 16:10 Neuroimaging and Visual Hallucinations: A Window Into Their Mechanism
Javier Pagonabarraga, *Spain*
- 16:50 Management Strategies for Visual Hallucinations
Daniel Weintraub, *USA*

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

3206 Parallel Session

Prodromal Parkinson's Disease 15:30 – 17:30

- Chairs: Daniela Berg, *Germany*
Etienne Hirsch, *France*
- 15:30 Clinical, Genetic, and Imaging Features
Daniela Berg, *Germany*
- 16:10 Understanding the Biological Basis of Prodromal Parkinson's Disease
Etienne Hirsch, *France*
- 16:50 The Future: How to Modify the Course of Parkinson's Disease
Jean-Christophe Corvol, *France*

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

3207 Parallel Session

Challenges in Clinicogenetic Correlations: One Gene – Many Phenotypes; One Phenotype – Many Genes 15:30 – 17:30

- Chairs: Vincenzo Bonifati, *Netherlands*
Hyder Jinnah, *USA*
- 15:30 One Gene – Many Phenotypes
Roberto Erro, *Italy*
- 16:10 One Phenotype – Many Genes
Marialuisa Quadri, *Netherlands*
- 16:50 Clinical Implications – Diagnosis and Management Strategies
Eng King Tan, *Singapore*

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

Sunday, October 07, 2018

3208 Parallel Session

Understanding and Managing Complex Gait Disorders in Parkinson's Disease
15:30 – 17:30

- Chairs: Nir Giladi, *Israel*
Alice Nieuwboer, *Belgium*
- 15:30 The Interplay Between Walking Ability and Cognitive Function
Lynn Rochester, *United Kingdom*
- 16:10 Complex Gait and Postural Instability: A Balancing Act?
Colum MacKinnon, *USA*
- 16:50 Assessment and Therapeutic Options for Complex Gait Disorders: A Contemporary View
Bastiaan Bloem, *Netherlands*

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

3309 Teaching Course

Wearable Technology and Machine Learning for Quantitative Evaluation of Parkinson's Disease
15:30 – 17:30

- Chairs: Roongroj Bhidayasiri, *Thailand*
Alberto Espay, *USA*
- 15:30 Wearable Sensors and Smart Phones: Can They Be Diagnostic Tools?
Alberto Espay, *USA*
- 16:10 Machine Learning and Large-Scale Sensor-Based Analysis for Parkinson's Disease
Bjoern Eskofier, *Germany*
- 16:50 Wearable Technology for Monitoring Patients at Home
Roongroj Bhidayasiri, *Thailand*

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

3310 Teaching Course

Update on Huntington's Disease and Other Chorea
15:30 – 17:30

- Chairs: Emilia Gatto, *Argentina*
Hui Fang Shang, *People's Republic of China*
- 15:30 Huntington's Disease Clinical Recognition and Differential Diagnosis of Chorea
Hui Fang Shang, *People's Republic of China*
- 16:10 Current Concepts of Huntington's Disease Pathogenesis
Alexandra Durr, *France*
- 16:50 Symptomatic and Disease Modifying Treatments for Chorea and Huntington's Disease
Hitoshi Okazawa, *Japan*

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

3411 Skills Workshop

Urogenital Dysfunction in Parkinson's Disease
18:00 – 19:30

- Onanong Jitkriksadakul, *Thailand*
Jalesh Panicker, *United Kingdom*
- Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3412 Skills Workshop

Atypical Parkinson Disorders: Multiple System Atrophy and Corticobasal Degeneration / Progressive Supranuclear Palsy
18:00 – 19:30

- Han-Joon Kim, *South Korea*
Maria Stamelou, *Greece*
- Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3413 Skills Workshop

Botulinum Toxins
18:00 – 19:30

- Ryuji Kaji, *Japan*
Erle Chuen-Hian Lim, *Singapore*
- Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3414 Skills Workshop

Lessons from My Patients
18:00 – 19:30

- Cynthia Comella, *USA*
Oscar Gershanik, *Argentina*
Philip Thompson, *Australia*
- Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3415 Skills Work Shop

Rare Autoimmune and Infectious Movement Disorders Not to Miss
18:00 – 19:30

- Bettina Balint, *United Kingdom*
Mohit Bhatt, *India*
- Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3416 Skills Workshop

Tremor Update
18:00 – 19:30

- Günther Deuschl, *Germany*
Rodger Elble, *USA*
- Recommended Audience: Basic scientists, Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3417 Skills Workshop

Challenges in Movement Disorders Education: A Comparison of Africa and Asia
18:00 – 19:30

- Njideka Okubadejo, *Nigeria*
Louis Tan, *Singapore*
- Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees

3518 Video Session

Eye Movements
18:00 – 19:30

- Ji-Soo Kim, *South Korea*
Aasef Shaikh, *USA*
- Recommended Audience: Clinical academicians, Non-physician Health Professionals, Practitioners, Students/Residents/Trainees



Monday, October 08, 2018

4101 Plenary Session

Advances in Huntington's Disease 8:00 – 9:30

- Chairs: Karen Marder, *USA*
Hitoshi Okazawa, *Japan*
- 8:00 Novel Diagnostic Criteria for Huntington's Disease
Christopher Ross, *USA*
- 8:30 Clinical, Brain Imaging, and Wet Biomarkers for Monitoring of Huntington's Disease Progression
Emilia Gatto, *Argentina*
- 9:00 From Bench to Bedside: New Therapeutic Approaches for Huntington's Disease
Beverly Davidson, *USA*

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

4102 Plenary Session

Technology Based Assessments in Movement Disorders: Assessing Health and Treatment Response 10:00 – 12:00

- Chairs: Rodger Elble, *USA*
Alberto Espay, *USA*
- 10:00 Biometric Monitoring Devices: Assessing Health, Disease Progression and Treatment Response
Walter Maetzler, *Germany*
- 10:40 Technology Based Assessment of Disability and Treatment Response in Premanifest and Manifest Huntington's Disease
Ralf Reilmann, *Germany*
- 11:20 Technology Based Assessments to Enhance Remote Monitoring in Parkinson's Disease
Anat Mirelman, *Israel*

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

4203 Parallel Session

New Imaging Frontiers in Movement Disorders 15:00 – 17:00

- Chairs: Stephane Lehericy, *France*
Antonio Strafella, *Canada*
- 15:30 MRI, Ultra-High Field and Iron Imaging
Stephane Lehericy, *France*
- 16:10 Imaging Neurotransmitter Receptors
Maria Cecilia Peralta, *Argentina*
- 16:50 New Frontiers in Molecular Imaging
Makoto Higuchi, *Japan*

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

4204 Parallel Session

Special Topics in Movement Disorders 15:00 – 17:00

- Chairs: Steven Frucht, *USA*
Rachel Saunders-Pullman, *USA*
- 15:30 Gender Differences
Rachel Saunders-Pullman, *USA*
- 16:10 Regional, Racial and Ethnic Differences
Roland Dominic Jamora, *Philippines*
- 16:50 In-Hospital Consultations
Tim Anderson, *New Zealand*

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

4205 Parallel Session

Complementary and Alternative Medicine in Parkinson's Disease 15:00 – 17:00

- Chairs: Benzi Kluger, *USA*
Vincent Mok, *Hong Kong*
- 15:30 Eastern Perspective
Sujith Ovallath, *India*
- 16:10 Western Perspective
Benzi Kluger, *USA*
- 16:50 Why Are Patients with Parkinson's Disease Attracted to CAM?
Sun Ju Chung, *South Korea*

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

4206 Parallel Session

Tardive Syndromes: A Re-Emerging Crisis? 15:00 – 17:00

- Chairs: Cynthia Comella, *USA*
Vladimir Kostic, *Serbia*
- 15:30 Tardive Syndromes: Causes, Incidence and Prevalence of a Re-emerging Crisis
Caroline Tanner, *USA*
- 16:10 The Broad Phenotype of Tardive Syndromes: Challenges for Recognition
Vladimir Kostic, *Serbia*
- 16:50 Management Challenges in Tardive Syndromes: New Opportunities?
Pierre Blanchet, *Canada*

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

Monday, October 08, 2018

4207 Parallel Session

The Microbiome-Gut-Brain Axis and Parkinson's Disease
15:00 – 17:00

- Chairs: Yuk Fai Cheung, *Hong Kong*
 Shen-Yang Lim, *Malaysia*
- 15:30 Basic Concepts of the Microbiome and Its Impact on Human Health and Disease
 Filip Scheperjans, *Finland*
- 16:10 The Microbiome in Parkinson's Disease and Multiple System Atrophy: Clinical Studies
 Ai Huey Tan, *Malaysia*
- 16:50 The Microbiome and Parkinson's Disease: Basic Studies
 Ali Keshavarzian, *USA*

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

4208 Parallel Session

Fatal Attraction Between Tau and Alpha Synuclein in Parkinson's Disease Pathology
15:00 – 17:00

- Chairs: Glenda Halliday, *Australia*
 Günter Höglinger, *Germany*
- 15:30 Neuropathological Findings
 Glenda Halliday, *Australia*
- 16:10 What Can We Learn from Animal Models?
 Günter Höglinger, *Germany*
- 16:50 Biochemical and Molecular Mechanisms
 Ronald Melki, *France*

Recommended Audience: Basic scientists, Clinical academicians, Students/Residents/Trainees Description

4309 Teaching Course

Treatable Movement Disorders Not to Miss
15:00 – 17:00

- Chairs: Ryuji Kaji, *Japan*
 Yih-Ru Wu, *Taiwan*
- 15:30 Treatable Early-Onset Disorders with Chorea and Dystonia
 Ruth Walker, *USA*
- 16:10 Treatable Early-Onset Disorders with Ataxia and Spasticity
 Helio Teive, *Brazil*
- 16:50 Treatable Early-Onset Disorders with Parkinsonism
 Yih-Ru Wu, *Taiwan*

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

4310 Teaching Course

Management of Parkinson's Disease: Advanced and Invasive Therapies
15:00 – 17:00

- Chairs: Stephen Reich, *USA*
 Lars Timmermann, *Germany*
- 15:30 Advanced Medical Therapies and When to Consider Patients for Invasive Therapies
 Maria Rodriguez-Oroz, *Spain*
- 16:10 Deep Brain Stimulation and Other Surgical Interventions
 Lars Timmermann, *Germany*
- 16:50 Infusion Therapies
 Regina Katsenschlager, *Austria*

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

4411 Skills Workshop

Atypical Presentations of Common Movement Disorders
17:30 – 19:00

- Barry Snow, *New Zealand*
 Pille Taba, *Estonia*

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

4412 Skills Workshop

How to Become a Successful Movement Disorder Specialist
17:30 – 19:00

- Shengdi Chen, *People's Republic of China*
 Esther Cubo, *Spain*
 Stanley Fahn, *USA*

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

4413 Skills Workshop

Speech Analysis and Therapy
17:30 – 19:00

- Hanneke Kalf, *Netherlands*
 Serge Pinto, *France*

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

4414 Skills Workshop

Spasticity Update
17:30 – 19:00

- David Simpson, *USA*
 Giovanni Stevanin, *France*

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

4515 Video Session

Practical Strategies for Tai Chi and Other Exercise Therapies for Parkinson's Disease
17:30 – 19:00

- Madeleine Hackney, *USA*
 Margaret Mak, *Hong Kong*

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

4516 Video Session

Movement Disorder Emergencies
17:30 – 19:00

- Mandy Au-Yeung, *Hong Kong*
 Steven Frucht, *USA*

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



Monday, October 08, 2018

4517 Video Session

Psychogenic Movement Disorders

17:30 – 19:00

Kathrin LaFaver, *USA*
Jon Stone, *United Kingdom*

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

4518 Video Session

Challenging Cases in DBS

17:30 – 19:00

Anna Castrioto, *France*

Riaan Van Collier, *South Africa*

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

Tuesday, October 09, 2018

5101 Plenary Session

Biomarkers for Parkinson's Disease

8:00 – 9:30

Chairs: Oscar Gershanik, *Argentina*
Shu-Leong Ho, *Hong Kong*

8:00 What Makes a Good Biomarker?
Brit Mollenhauer, *Germany*

8:30 Body Fluid and Tissue Biomarkers: Current and Future
Douglas Galasko, *USA*

9:00 Imaging Biomarkers: Current and Future
Antonio Strafella, *Canada*

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: Anthony Lang, *Canada*
Philip Thompson, *Australia*

10:00 Is DBS Superior to Lesioning in Movement Disorders Therapy? (YES)
Elena Moro, *France*

10:15 Is DBS Superior to Lesioning in Movement Disorders Therapy? (NO)
Takaomi Taira, *Japan*

10:30 Does Parkinson's Disease Start in the Gut? (YES)
Kathleen Shannon, *USA*

10:45 Does Parkinson's Disease Start in the Gut? (NO)
Roberto Cilia, *Italy*

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

5103 Plenary Session

Blue Ribbon Highlights

11:00 – 12:00

Angela Cenci, *Sweden*
Un Kang, *USA*

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

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 not listed below, it is your responsibility to contact your licensing/certification board to determine course eligibility for your board requirement.

Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by Amedco and International Parkinson and Movement Disorder Society. Amedco is jointly accredited by the American Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Credit Designation Statement

Amedco designates this live activity for a maximum of 29.50 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.





International Parkinson and Movement Disorder Society
555 East Wells Street, Suite 1100
Milwaukee, WI 53202-3823 USA

Program-at-a-Glance

International Congress of
Parkinson's Disease and Movement Disorders

October 5-9, 2018

HONG KONG

www.mdscongress.org



International Parkinson and
Movement Disorder Society

Important Dates:

Early Registration Deadline **August 2, 2018**

Final Pre-Registration Deadline **September 5, 2018**

International Congress of Parkinson's Disease
and Movement Disorders **October 5-9, 2018**