

Saturday, 13. May 2023*Resident and Fellow Education Program*

09:00 - 10:30

W196

Resident and Fellow Education Program*Chair:* Hubert Fernandez, US*Chair:* Mark Lew, US**Talk 1: Epidemiology, etiology, and diagnosis of Parkinson disease**

09:00 - 09:30

Speaker: Caroline Tanner, US**Talk 2: Treatment of motor symptoms of Parkinson disease with medications**

09:30 - 10:00

Speaker: Mark Lew, US**Talk 3: Treatment of motor symptoms of Parkinson disease with surgery**

10:00 - 10:30

Speaker: Joohi Jimenez-Shahed, US*Break*

10:30 - 10:45

EXH

Break*Resident and Fellow Education Program*

10:45 - 12:30

W196

Resident and Fellow Education Program*Chair:* Hubert Fernandez, US*Chair:* Mark Lew, US**Talk 4: Treatment of nonmotor symptoms of Parkinson disease**

10:45 - 11:15

Speaker: Deborah Hall, US**Talk 5: Tremor disorders**

11:15 - 11:45

Speaker: Pramod Pal, IN**Talk 6: Hyperkinetic disorders**

11:45 - 12:15

Speaker: Hubert Fernandez, US**Question and answer session**

12:15 - 12:30

Moderator: Hubert Fernandez, US*Moderator:* Mark Lew, US*Break*

12:30 - 14:00

EXH

Lunch Break*Break*

12:30 - 14:00

EXH

Lunch

Corporate Lunch Session

12:45 - 13:45

W196

Corporate Lunch Session: Acadia Pharmaceuticals Inc**A Focused Approach to the Management of Hallucinations and Delusions Associated With Parkinson's Disease Psychosis**

12:45 - 12:45

Review educational information about hallucinations and delusions associated with Parkinson's disease (PD) psychosis

12:45 - 13:00

Speaker: Laxman Bahroo, US**Review clinical efficacy and safety of a treatment option for hallucinations and delusions associated with PD psychosis**

13:00 - 13:20

Speaker: Laxman Bahroo, US**Discuss real-world evidence**

13:20 - 13:30

Q&A

13:30 - 13:45

Plenary Session

14:00 - 15:30

W196

Plenary Session 1: Changing the Treatment Paradigm in Movement Disorders*Chair:* Cynthia Comella, US*Chair:* Daniel Truong, US**Plenary Session 1a: Parkinson disease**

14:00 - 14:30

Speaker: Stuart Isaacson, US**Plenary Session 1b: Tremor**

14:30 - 15:00

Speaker: William Ondo, US**Plenary Session 1c: Dystonia**

15:00 - 15:30

Speaker: Cynthia Comella, US*Meet Movement Disorder Fellowship Directors*

15:30 - 16:00

EXH

Meet Movement Disorder Fellowship Directors*Chair:* Shilpa Chitnis, US*Chair:* Marissa Dean, US*Chair:* Hubert Fernandez, US*Chair:* Karen Frei, US*Chair:* Mahesh Padmanaban, US*Chair:* Marie Helene Saint-Hilaire, US*Break*

15:30 - 16:00

EXH

Break*Plenary Session*

16:00 - 17:30

W196

Plenary Session 2: Target Specific and Disease Modifying Therapies*Chair:* Etienne Hirsch, FR*Chair:* Lorraine Kalia, CA**Plenary Session 2a: Synucleinopathy and tauopathy**

16:00 - 16:30

Speaker: Lorraine Kalia, CA

Plenary Session 2b: Huntington Disease

16:30 - 17:00

Speaker: Cristina Sampaio, US

Plenary Session 2c: Other Movement Disorders

17:00 - 17:30

Speaker: Ryuji Kaji, JP

Break

17:30 - 17:45

EXH

Break

Official Congress Sessions

17:45 - 19:10

W196

Opening Ceremony / IAPRD Lifetime Achievement Award / Melvin Yahr Lecture

Words of Welcome by the IAPRD President

17:45 - 17:45

Speaker: Daniel Truong, US

Welcome from Dr. Cynthia Comella, Congress Chair

17:45 - 17:45

Speaker: Cynthia Comella, US

IAPRD Lifetime Achievement Award - Stanley Fahn

17:45 - 17:45

Speaker: Serge Przedborski, US

IAPRD Melvin Yahr Award - Vincenzo Bonifati

17:45 - 17:45

**IAPRD 2023 Honorary Lecture: CSF1R-related
leukoencephalopathy - from gene mutations discovery to
therapies**

17:45 - 17:45

Speaker: Zbigniew K. Wszolek, US

Sunday, 14. May 2023*Plenary Session*

08:00 - 09:30

W196

Plenary Session 3: Surgery in Movement Disorders: What's New?*Chair:* Elena Moro, FR*Chair:* Leo Verhagen, US**Plenary Session 3a: Use of focused ultrasound lesioning**

08:00 - 08:30

Speaker: Jeff Elias, US**Plenary Session 3b: Deep brain stimulation**

08:30 - 09:00

Speaker: Elena Moro, FR**Plenary Session 3c: Cell based therapies**

09:00 - 09:30

Speaker: Ryan Uitti, US*Poster Presentations*

08:00 - 17:00

Poster

Poster Exhibition**Basic Neuroscience (excluding Genetics)**

08:00 - 08:00

P_01

Role of heterozygous mutations in 'recessive' genes in Parkinson disease

08:00 - 08:00

Poster Presenter: Dilzoda Azizova, UZ

P_02

Smek1 deficiency in PSP induces tau pathology via regulating Kif2a translocation

08:00 - 08:00

Poster Presenter: Ruonan Duan, CN

P_05

Features of orthostatic hypotension in patients with mild cognitive impairment

08:00 - 08:00

Poster Presenter: Anastasiia Ovchinnicova, UA

P_08

The impact of altered sensory metacognition in Parkinson's disease

08:00 - 08:00

Poster Presenter: Adam Zaidel, IL

P_11

Evaluation of orthostatic hypotension questionnaires

08:00 - 08:00

Poster Presenter: Anastasiia Ovchynnykova, UA**Imaging and Biomarkers**

08:00 - 08:00

P_14

Biochemical markers in Parkinson's disease

08:00 - 08:00

Poster Presenter: Malika Mirzayeva, UZ

P_15

Biomarkers of vascular cognitive dysfunction. Identification of early markers of cognitive impairment before the development of dementia.

08:00 - 08:00

Poster Presenter: Dilzoda Azizova, UZ

P_19

The variability in clinical manifestations of brain iron deposition

08:00 - 08:00

Speaker: Evan Gray, US

P_20

Cerebrospinal fluid analysis in amyotrophic lateral sclerosis

08:00 - 08:00

Poster Presenter: Katerina Klicova, CZ

P_21	Clinical improvement with normalization of dopamine transporter imaging in a patient with bupropion-induced parkinsonism <i>Poster Presenter:</i> Ximena Pizarro, CL	08:00 - 08:00
P_22	Pilot investigation of MRI-derived perfusion measures in cognitively impaired patients with Parkinson's disease <i>Poster Presenter:</i> Virendra Mishra, US	08:00 - 08:00
P_23	Hyperhomocysteinemia in Parkinson's disease. <i>Poster Presenter:</i> Zarina Omonova, UZ	08:00 - 08:00
P_26	The role of inflammation in the pathophysiology of primary tauopathies <i>Poster Presenter:</i> Hedvika Šlanhofová, CZ	08:00 - 08:00
P_27	CHARACTERIZATION OF THE FINDINGS OF THE OPTICAL COHERENCE TOMOGRAPHY IN PATIENTS WITH PARKINSON'S DISEASE <i>Poster Presenter:</i> Óscar Bernal-Pacheco, CO	08:00 - 08:00
P_29	MRI-based machine learning approach to predict the motor symptom severity in patients with Parkinson's disease <i>Poster Presenter:</i> Benjamin Walter, US	08:00 - 08:00
P_30	Role of neuroinflammation on biomarker levels in the cerebrospinal fluid and blood serum of multiple system atrophy patients and controls <i>Poster Presenter:</i> Sarah Cook, CZ	08:00 - 08:00
P_31	The role of inflammatory biomarkers in the LBD neurodegenerative process <i>Poster Presenter:</i> Dorota Koníčková, CZ	08:00 - 08:00
p_32	Neurofilament light predicts weight loss in patients with Parkinson's disease: A prospective study <i>Poster Presenter:</i> Kuncheng Liu, CN	08:00 - 08:00
P_34	Longitudinal analysis of oligomeric alpha-synuclein in Parkinson's disease tears <i>Poster Presenter:</i> Mark Lew, US	08:00 - 08:00
P_35	A proof of concept: digital diary using 24-hour monitoring using wearable device for patients with Parkinson's disease in nursing home <i>Poster Presenter:</i> Hikaru Kamo, JP	08:00 - 08:00
P_38	Correlates of cholinergic system vulnerability and resiliency in visual hallucinations in Lewy Body dementia <i>Poster Presenter:</i> Ishita Ghosh, US	08:00 - 08:00
P_39	Topography of cholinergic nerve terminal vulnerability and mobility self-efficacy in Parkinson's disease <i>Poster Presenter:</i> Jaimie Barr, US	08:00 - 08:00
P_41	Topographic analysis of cerebral GABA_A receptor availability and functional mobility in Parkinson's disease <i>Poster Presenter:</i> Robert Vangel, US	08:00 - 08:00
	Neurosurgery (including Deep Brain Stimulation)	08:00 - 08:00

P_42	Gait and speech improvement in one patient with 3-month adaptive STN-DBS therapy <i>Poster Presenter:</i> Ioannis Isaias, DE	08:00 - 08:00
P_43	The added value of accelerometric monitoring during thalamotomy <i>Poster Presenter:</i> Annemarie Smid, NL	08:00 - 08:00
P_44	Deep brain stimulation practices for Parkinson's disease in Chile <i>Poster Presenter:</i> Philippe Salles, CL	08:00 - 08:00
P_45	Long-term outcome of globus pallidus interna deep brain stimulation for Parkinson's disease patients: five-year follow-up <i>Poster Presenter:</i> Sun Ju Chung, KR	08:00 - 08:00
P_46	Autologous Unconditioned peripheral nerve tissue delivery to the substantia nigra (GUIDE) in patients with Parkinson's disease undergoing DBS surgery <i>Poster Presenter:</i> Jaimie Hixson, US	08:00 - 08:00
P_47	Preliminary results from the Engage-PD study: enhancing gait using alternating-frequency DBS in Parkinson's disease <i>Poster Presenter:</i> James Liao, US	08:00 - 08:00
P_49	Right Subthalamic Nucleus Active Electrode Location Influences Weight Gain After Deep Brain Stimulation <i>Poster Presenter:</i> Amelia Heston, US	08:00 - 08:00
P_51	Acceptability of Adaptive Deep Brain Stimulation for Parkinson's Disease <i>Poster Presenter:</i> Genko Oyama, JP	08:00 - 08:00
P_53	Long-term safety of Magnetic resonance-guided high-intensity focused ultrasound in movement disorders: A systematic review and meta-analysis. <i>Poster Presenter:</i> Ali Abusrair, CA	08:00 - 08:00
P_54	Reconstructing time-domain data from discontinuous Percept™ output using external data acquisition and linear filtering <i>Poster Presenter:</i> James Liao, US	08:00 - 08:00
	Behavior, Cognition, Psychiatry	08:00 - 08:00
P_55	HIV associated Dementia, a clinical case report <i>Poster Presenter:</i> Farkhod Yunusov, UZ	08:00 - 08:00
P_56	The impact of COVID-19 on depression in patients in Uzbekistan <i>Speaker:</i> Komila Narkulova, UZ	08:00 - 08:00
P_59	Clinical and neuropsychological characterization of patients with primary progressive aphasia in the DESCRIBE-FTD-study <i>Poster Presenter:</i> Pawel Tacik, DE	08:00 - 08:00
P_60	Distinctive course characteristics of depression and anxiety disorders in Parkinson's disease	08:00 - 08:00

	<i>Poster Presenter:</i> Olim Naimov, UZ	
P_61	Some aspects of prediction dementia in patients with Parkinson's disease <i>Poster Presenter:</i> Gulnora Rakhimbaeva, UZ	08:00 - 08:00
P_67	Evaluation of voice intensity and speech loudness perception in Parkinson's Disease <i>Poster Presenter:</i> Óscar Bernal-Pacheco, CO	08:00 - 08:00
	Parkinson Disease: Genetics	08:00 - 08:00
P_72	Factors predicting amantadine response among patients with Parkinson's disease. <i>Poster Presenter:</i> Leila Saadatpour, US	08:00 - 08:00
P_76	A study of genetic variation associated with rates of motor and nonmotor progression in early Parkinson's disease <i>Poster Presenter:</i> Jay Iyer, US	08:00 - 08:00
P_77	Parkinson's Disease Genetic Results From A Large Midwest Cohort: The Gary A Smith PD GENERATION Site <i>Poster Presenter:</i> Angela Richmond, US	08:00 - 08:00
	Parkinson Disease: Subtypes, natural course	08:00 - 08:00
P_78	Relationship between peripheral adaptive immune markers and Parkinson's disease progression <i>Poster Presenter:</i> Xiao Yi, CN	08:00 - 08:00
P_82	The impact of type 2 diabetes mellitus drugs on the onset of Parkinson's disease <i>Poster Presenter:</i> Ioannis Isaias, DE	08:00 - 08:00
P_83	Relationship between Postural instability and Gait Difficulties, Visuo-cognition, and Vision in Parkinson's disease <i>Poster Presenter:</i> Miriam van Emde Boas, US	08:00 - 08:00
P_84	Postural Control Subtypes in Parkinson's Disease and Older Adults <i>Poster Presenter:</i> Stiven Roytman, US	08:00 - 08:00
	Parkinson Disease: Clinical assessment (including devices)	08:00 - 08:00
P_85	Evaluation of the Clinical Outcomes and Disease Burden in Advanced Parkinson's Disease Patients: PROSPECT Study Preliminary Results <i>Poster Presenter:</i> Pavnit Kukreja, US	08:00 - 08:00
P_86	Technology for virtual assessment of the quality of rhythmic movements in the extremities <i>Poster Presenter:</i> James Brasic, US	08:00 - 08:00
P_87	Community-Academic Initiative to Measure and Improve Underrepresented Group Participation in Parkinson's Disease Research <i>Poster Presenter:</i> Anabel Marre, US	08:00 - 08:00
P_89	Wearables for Advanced Parkinson's Therapy Screening and Management	08:00 - 08:00

	<i>Poster Presenter:</i> Dustin Heldman, US	
P_90	Actigraphy shows feasibility as a biomarker of dopaminergic medication use and motor fluctuations in Parkinson's disease <i>Poster Presenter:</i> Jun Ha Chang, US	08:00 - 08:00
P_91	Is there a white coat effect in Parkinson disease? <i>Poster Presenter:</i> Oliver Phillips, US	08:00 - 08:00
P_93	Clinical and motor fluctuation assessment with a mobile app and electronic diary <i>Poster Presenter:</i> Alexandra Ferreirós, CO	08:00 - 08:00
P_99	Acceptability of movement-prompting rehabilitation device to increase non-exercise physical activity levels in people with Parkinson's disease <i>Poster Presenter:</i> Abigail Biddix, US	08:00 - 08:00
P_100	Composite measures of motor performance and self-efficacy are better determinants of postural instability and gait difficulties than individual clinical measures in Parkinson's disease <i>Poster Presenter:</i> Chatkaew Pongmala, US	08:00 - 08:00
P_102	The Effect of 4-month Exercise Programme on Timed Up and Go Test in Patients with Parkinsons Disease - interim analysis <i>Poster Presenter:</i> Pavol Martiš, SK	08:00 - 08:00
P_104	Impact of Covid-19 infection on the course of Parkinson's disease <i>Poster Presenter:</i> Bekzod Muminov, UZ	08:00 - 08:00
P_109	Visualization of the MDS-UPDRS results <i>Poster Presenter:</i> Jaimie Hixson, US	08:00 - 08:00
P_110	Smartphone app-based tapping test characteristics in a longitudinal cohort of Parkinson's disease patients <i>Poster Presenter:</i> Jesus Abanto, US	08:00 - 08:00
P_111	Levodopa-entacapone-carbidopa intestinal gel (LECIG) for advanced Parkinson's - single centre experience from Romania <i>Poster Presenter:</i> József Szász, RO	08:00 - 08:00
P_112	Clinical and sensor-based motor outcome parameters as predictors of freezing of gait in Parkinson's disease <i>Poster Presenter:</i> Chatkaew Pongmala, US	08:00 - 08:00
P_114	Quantitative analysis of static postural balance between faller and non-faller in patients with Parkinson's disease <i>Poster Presenter:</i> Do-Young Kwon, KR	08:00 - 08:00
P_115	Change of Gait in Parkinson's Disease Patients According to Electrode Localisation in Subthalamic Nucleus <i>Poster Presenter:</i> Martin Nevrlý, CZ	08:00 - 08:00
	Parkinson Disease: Therapy (excluding surgical, physical)	08:00 - 08:00
P_116	Enrollment characteristics for patients entering a Phase 3	08:00 - 08:00

	study of subcutaneous levodopa/carbidopa infusion with ND0612	
	<i>Poster Presenter:</i> Joaquim Ferreira, PT	
P_117	Rationale for a potentially pivotal study of NE3107 in Parkinson's disease	08:00 - 08:00
	<i>Poster Presenter:</i> Nily Osman, US	
P_118	Rapid onset of good ON time and improvement in motor-state stability in aPD patients after treatment with continuous subcutaneous foslevodopa/foscarbidopa	08:00 - 08:00
	<i>Poster Presenter:</i> Connie H. Yan, US	
P_119	Use of Glutathione in Parkinson's disease at earlier stages of the disease and the prognosis of delaying its progression	08:00 - 08:00
	<i>Poster Presenter:</i> Sardorbek Musayev, UZ	
P_120	Impact of physical activity to expand serum a klotho levels amidst people with Parkinson disease	08:00 - 08:00
	<i>Poster Presenter:</i> Waiswa Moses, UG	
P_121	The Phase 2, randomized, placebo-controlled PRECEDENT trial of SAGE-718 in patients with Parkinson's disease cognitive impairment: clinical trial in progress	08:00 - 08:00
	<i>Poster Presenter:</i> Amy Bullock, US	
P_122	Protocol to Help Neurologists Manage Subcutaneous Apomorphine Therapy Skin Nodules: Expert Roundtable Recommendations	08:00 - 08:00
	<i>Poster Presenter:</i> Stuart Isaacson, US	
P_123	Targeting the gut-brain axis in Parkinson's disease: Preliminary findings from butyric acid supplementation in Parkinson's Disease	08:00 - 08:00
	<i>Poster Presenter:</i> Alexis Griggs, US	
P_125	Dysphagia and mortality in people with Parkinson's disease treated with Levodopa-Carbidopa Intestinal Gel	08:00 - 08:00
	<i>Poster Presenter:</i> DOMIZIANA RINALDI, IT	
P_126	Subgroup Analyses of Effect of Treatment With Levodopa Inhalation Powder (CVT-301) 84 mg by Severity of OFF Symptoms in People With Parkinson's Disease, as Assessed by the Unified Parkinson's Disease Rating Scale Part III (UPDRS-III)	08:00 - 08:00
	<i>Poster Presenter:</i> Ron Cohen, US	
P_127	A Population Pharmacokinetic Comparison of Three Amantadine Formulations	08:00 - 08:00
	<i>Poster Presenter:</i> Zhao Wang, US	
P_128	Predictability of GOOD ON time during the waking day with amantadine extended-release capsules: A post-hoc analysis of pooled pivotal trials	08:00 - 08:00
	<i>Poster Presenter:</i> Robert Hauser, US	
P_130	L-dopa with entacapone as a rescue therapy after a failed attempt to start Duodopa - a case report	08:00 - 08:00
	<i>Poster Presenter:</i> Milena Switonska, PL	

P_132	Real-World Utilization of Istradefylline Among Patients with Parkinson's Disease <i>Poster Presenter:</i> Joyce Qian, US	08:00 - 08:00
P_133	Apomorphine hydrochloride injection (Apokyn®) treatment initiations in the presence and absence of an antiemetic in people with Parkinson disease <i>Poster Presenter:</i> Andrea Formella, US	08:00 - 08:00
P_134	Non-invasive Transcutaneous Afferent Patterned Stimulation Therapy Offers Action Tremor Relief in Parkinson's Disease <i>Poster Presenter:</i> Stuart Isaacson, US	08:00 - 08:00
P_135	Optimizing Augmented Reality Cueing Strategies for Freezing of Gait in Parkinson Disease: The ELIMINATE FoG Study <i>Poster Presenter:</i> Brendan Baugher, US	08:00 - 08:00
P_136	Quality of life with continuous subcutaneous levodopa/carbidopa infusion: Exploratory findings from the ND0612 BeyoND study <i>Poster Presenter:</i> Stuart Isaacson, US	08:00 - 08:00
P_137	Impact of the highly selective D1/D5 partial dopamine agonist tavapadon on daytime sleepiness: evidence from a phase 2 clinical trial <i>Poster Presenter:</i> Cari Combs, US	08:00 - 08:00
P_138	Continuous, Subcutaneous Apomorphine Infusion for Persistent Motor Fluctuations in Parkinson's Disease: Full results of the AP2-3000 open-label study <i>Poster Presenter:</i> Stuart Isaacson, US	08:00 - 08:00
P_139	The complexity of Parkinson disease medication regimens may factor into treatment decisions: Results of a PMD Alliance survey <i>Poster Presenter:</i> Nikkilina Crouse, US	08:00 - 08:00
P_140	A blind computerized analysis. Effect of subthalamic deep brain stimulation on posture in Parkinson Disease <i>Poster Presenter:</i> Feruzjon Rakhimov, UZ	08:00 - 08:00
	Parkinson Disease: Other topics	08:00 - 08:00
P_141	The importance of drug therapy and deep brain stimulation (DBS) in the treatment of Parkinson's disease <i>Poster Presenter:</i> Dilyora Khakimova, UZ	08:00 - 08:00
P_142	Parkinson disease psychosis: A case report <i>Poster Presenter:</i> Saoussen Zmantar, TN	08:00 - 08:00
P_144	Psycho-emotional disorders in Parkinson's disease <i>Poster Presenter:</i> Dilyora Khakimova, UZ	08:00 - 08:00
P_145	Kampavata AKA Parkinson's disease in Ayurveda, it's etiology and therapy <i>Poster Presenter:</i> sachin rajpoot, IN	08:00 - 08:00

P_148	Novel characteristics of the temporal transition to maximum tongue pressure in Parkinson's disease: A pilot study <i>Poster Presenter:</i> Sachi Hayasaka, JP	08:00 - 08:00
P_152	Risk disclosure in prodromal Parkinson's disease - A survey of neurologists <i>Poster Presenter:</i> Gorkem Kayis, TR	08:00 - 08:00
P_153	The diagnosis value of dopaminergic responsiveness of Parkinson's disease□ a systematic review and meta-analysis <i>Poster Presenter:</i> Huihui Cai,	08:00 - 08:00
P_154	Pharmacokinetic differences of caffeine between lrrk2 g2019s knock-in and wild-type mice <i>Poster Presenter:</i> Samuel Ayer, US	08:00 - 08:00
P_156	The prevalence of Restless legs syndrome in Parkinson's disease in Colombia <i>Poster Presenter:</i> Juan Diego Vargas Jaramillo, CO	08:00 - 08:00
P_159	Investigating Factors Contributing to Clinical Trial Recruitment in Parkinson's Disease within the Black Community <i>Poster Presenter:</i> Jennifer Adrissi, US	08:00 - 08:00
P_162	Social and gender inequity on overall survival and access to deep brain stimulation in Parkinson disease patients in Colombia <i>Poster Presenter:</i> Camila Pantoja-Ruiz, CO	08:00 - 08:00
P_166	Relationship between visuo-motor Stroop stepping task reaction time and regional cholinergic denervation in Parkinson Disease <i>Poster Presenter:</i> Jacqueline Caswell, US	08:00 - 08:00
P_167	Effect of amyloid on cognitive performance in Parkinson's disease and dementia with Lewy bodies <i>Poster Presenter:</i> Phil Hyu Lee, KR	08:00 - 08:00
	Other Parkinsonian Disorders	08:00 - 08:00
P_169	Hydrocephalus Associated With Chiari-I Malformation Presenting with Parkinsonism And Dystonia <i>Poster Presenter:</i> ANKUSH MAHESHWARY, US	08:00 - 08:00
P_170	Comparative analysis of the occurrence of nonmotor disorders in Parkinson's disease and vascular parkinsonism <i>Poster Presenter:</i> Rasulberdi Juraev, UZ	08:00 - 08:00
P_171	Exposure to Lambda-cyhalothrin induces motor dysfunctions and impairs striatal REDOX homeostasis and β- arrestin-dependent Akt signaling in adult Wistar rats <i>Poster Presenter:</i> Anima Kumari, IN	08:00 - 08:00
P_172	Failure to predict outcomes of ventriculoperitoneal shunting in normal pressure hydrocephalus patients using multi-variable logistic regression models <i>Poster Presenter:</i> Avery Kundrick, US	08:00 - 08:00

P_173	External lumbar drain trial walk tests as predictors of ambulatory Clinical Global Impression rating after ventriculoperitoneal shunting in NPH <i>Poster Presenter:</i> Brendan Baugher, US	08:00 - 08:00
P_174	Topography of differential cholinergic vulnerability in Parkinson's Disease and atypical parkinsonisms: A [¹⁸F]-FEOBV PET study <i>Poster Presenter:</i> Prabesh Kanel, US	08:00 - 08:00
P_176	Parkinsonism secondary to mercury poisoning in a Colombian population. <i>Poster Presenter:</i> Juan Diego Vargas Jaramillo, CO	08:00 - 08:00
P_180	Striatal encephalitis: a cause of rapid onset parkinsonism <i>Poster Presenter:</i> Allie Toth, US	08:00 - 08:00
P_184	Automatic stridor detection using small training set via patch-wise few-shot learning for diagnosis of multiple system atrophy <i>Poster Presenter:</i> Jongmok Ha, KR	08:00 - 08:00
P_185	Diagnostic utility of movement disorder society criteria for multiple system atrophy <i>Poster Presenter:</i> Lingyu Zhang, CN	08:00 - 08:00
P_186	Idiopathic normal pressure hydrocephalus features on MRI in patients with pathologically confirmed progressive supranuclear palsy <i>Poster Presenter:</i> Miki Kawazoe, US	08:00 - 08:00
	Dystonia	08:00 - 08:00
P_188	Initial experience in Bolivia with HU-014 (a non-FDA-approved botulinum toxin A) for Movement Disorders. <i>Poster Presenter:</i> Martha Rosario Jauregui Villar, BO	08:00 - 08:00
P_189	Hemidystonia-hemiatrophy syndrome: first case report in Bolivia <i>Poster Presenter:</i> Sergio Silva, BO	08:00 - 08:00
P_190	A Novel THAP1 Variant Presenting with Early Onset Generalized Dystonia <i>Poster Presenter:</i> Audrey Marie Dellert, US	08:00 - 08:00
P_191	CACNA1A variant can be associated with generalized dystonia <i>Poster Presenter:</i> DOMIZIANA RINALDI, IT	08:00 - 08:00
P_192	Distal lower extremity task specific dystonia symptoms in runners <i>Poster Presenter:</i> maria Moreno-Escobar, US	08:00 - 08:00
P_193	Oromandibular dystonia as a cause of temporomandibular joint degeneration: case report <i>Poster Presenter:</i> Carolina Anunciação, BR	08:00 - 08:00
P_195	Oculogyric crisis as a result of dopamine blocking agent withdrawal <i>Poster Presenter:</i> Leila Saadatpour, US	08:00 - 08:00

P_196	Benefit of multiple incobotulinumtoxinA injections for pain reduction in adults with cervical dystonia: an analysis of pooled data <i>Poster Presenter:</i> Alberto Albanese, IT	08:00 - 08:00
P_197	Pain reduction in adults with cervical dystonia following a single injection of incobotulinumtoxinA: a pooled analysis <i>Poster Presenter:</i> Alberto Albanese, IT	08:00 - 08:00
	Chorea, Athetosis, Ballism, Tics	08:00 - 08:00
P_198	Extrapyramidal and movement disorder, unspecified <i>Poster Presenter:</i> Umidakhon Abdullazizova, UZ	08:00 - 08:00
P_200	Post-pump hemichorea in an adult: a case report <i>Poster Presenter:</i> Ryan Lee, US	08:00 - 08:00
P_202	Late-onset chorea-dystonia related to a novel ADCY5 variant <i>Poster Presenter:</i> Ximena Pizarro, CL	08:00 - 08:00
P_203	A paradoxical phenomenon: Hemichorea-hemiballismus resolution after stroke in Moya-moya disease <i>Poster Presenter:</i> Chia Yin Por, MY	08:00 - 08:00
P_206	Crushing valbenazine capsule contents for potential addition to soft foods or administration via G-tube <i>Poster Presenter:</i> Sean Hinton, US	08:00 - 08:00
P_207	A paradoxical phenomenon: Hemichorea-hemiballismus resolution after stroke in Moya-moya disease <i>Poster Presenter:</i> Chia Yin Por, MY	08:00 - 08:00
P_209	Indirect Treatment Comparison of Valbenazine with Deutetrabenazine for Improvement in Total Maximal Chorea Score in Huntington Disease <i>Poster Presenter:</i> Raja Mehanna, US	08:00 - 08:00
P_210	Once-Weekly Robotic-Assisted Gait Training Preserves Walking Function in Hereditary Spastic Paraplegia: A Case Report <i>Poster Presenter:</i> Robert Hand, US	08:00 - 08:00
	Ataxias, hereditary spastic paraparesis	08:00 - 08:00
P_211	Short-term efficacy of repetitive transcranial magnetic stimulation in SCA3: A prospective, randomized, double-blind, sham-controlled study <i>Poster Presenter:</i> Hao-Ling Xu, CN	08:00 - 08:00
P_213	A long-term effect of miglustat on Niemann-Pick type C: An 8-years follow-up of dystonia and ataxia <i>Poster Presenter:</i> Jae Woo Kim, KR	08:00 - 08:00
P_215	Correlation of age onset and Mitochondrial DNA haplogroup in Indian Spinocerebellar ataxia type 2 (SCA2) patients <i>Poster Presenter:</i> Akhilesh Kumar Sonakar, IN	08:00 - 08:00
	Tremors, Myoclonus	08:00 - 08:00

P_216	A genetic pearl for counseling patients with SGCE positive myoclonus-dystonia <i>Poster Presenter:</i> Alissa Higinbotham, US	08:00 - 08:00
P_217	The Cameraperson Sign in the Diagnosis of Functional Tremor <i>Poster Presenter:</i> Ekhlas Assaedi, US	08:00 - 08:00
P_219	Essential1: Results from a Phase 2 trial evaluating the tolerability, safety, and efficacy of ulixacaltamide in adults with essential tremor <i>Poster Presenter:</i> Richard Able, US	08:00 - 08:00
P_220	Atypical midbrain head tremor presenting as like Bobble-head doll syndrome after successful brain surgery of hemorrhagic cavernous hemangioma. <i>Poster Presenter:</i> Won Tae Yoon, KR	08:00 - 08:00
P_221	Accelerometric quantification of FTM tremor measurements in ET patients: a pilot study <i>Poster Presenter:</i> Annemarie Smid, NL	08:00 - 08:00
P_222	Burden of Essential Tremor: Associated Morbidities, Healthcare Resource Utilization and Costs in Commercially Insured Patients on Drug Therapy <i>Poster Presenter:</i> Liana Hennum, US	08:00 - 08:00
P_223	A phase 2b, randomized, dose-response study of SAGE-324/BIIB124 for the treatment of essential tremor: KINETIC 2 trial in progress <i>Poster Presenter:</i> TinaMarie Lieu, US	08:00 - 08:00
P_225	Clinical effectiveness of transcutaneous afferent patterned stimulation therapy for essential tremor in a real-world setting: a randomized pragmatic trial <i>Poster Presenter:</i> Liana Hennum, US	08:00 - 08:00
P_226	Reduced cerebellar volume and preserved white-matter integrity in Essential Tremor: a UK Biobank nested case-control study <i>Poster Presenter:</i> Xenos Mason, US	08:00 - 08:00
	Gait Disturbances and Other Movement Disorders	08:00 - 08:00
P_227	Trazodone-Associated Parkinsonism with Tremor: A Case Series and Literature Review <i>Poster Presenter:</i> Devangi Desai, IN	08:00 - 08:00
P_228	The spectrum of phenomenology in painful leg and moving toes syndrome (PLMT): a way towards creating diagnostic criteria <i>Poster Presenter:</i> Evan Gray, US	08:00 - 08:00
P_230	Restless limb syndrome and insomnia: co-morbidities in rural Indian migraine patients <i>Poster Presenter:</i> Devangi Desai, IN	08:00 - 08:00
P_231	Anticholinergics should not be used to treat tardive dyskinesia: insights from an expert panel of psychiatry and neurology healthcare professionals	08:00 - 08:00

	<i>Poster Presenter:</i> Eric Jen, US	
P_232	Relationship between frontal lobe dysfunction and fear of falling in people with Parkinson's disease <i>Poster Presenter:</i> yoshiki yamaguchi, JP	08:00 - 08:00
P_233	A follow-up study of Diffusion Tensor Imaging after ventricular shunt in a patient with Idiopathic Normal Pressure Hydrocephalus <i>Poster Presenter:</i> Xiaoqin Yuan, CN	08:00 - 08:00
P_234	Prevalence and Impact of Restless Legs Syndrome in patients with stroke in a rural medical teaching hospital in India <i>Poster Presenter:</i> Soaham Desai, IN	08:00 - 08:00
P_235	Does the Preoperative iNPH Radscale Predict Clinical Outcomes Post-Ventriculoperitoneal Shunt Placement (VPS) in Patients with Normal Pressure Hydrocephalus (NPH)? <i>Poster Presenter:</i> Debolina Ghosh, US	08:00 - 08:00
P_236	Expanding the phenotypic spectrum of CSF1R variant carriers <i>Poster Presenter:</i> Julia Nowak, US	08:00 - 08:00
P_240	Subcortical, Limbic, and Neocortical Dopaminergic Innervation Determines Response to Levodopa in Older Adults with slow walking and Minimal Parkinsonian Signs <i>Poster Presenter:</i> Rebecca Paalanen, US	08:00 - 08:00
P_241	The Clinician's Tardive Inventory (CTI): an integrated phenomenological and functional measure of Tardive Dyskinesia <i>Poster Presenter:</i> Richard Trosch, US	08:00 - 08:00
P_243	Sustained treatment response with long-term valbenazine in patients with tardive dyskinesia <i>Poster Presenter:</i> Celia Zinger-Salmun, US	08:00 - 08:00
P_244	Gait during turning associates with imbalance and falls in PD: 3D Video based analysis from a single camera <i>Poster Presenter:</i> Ho Young Jeon, KP	08:00 - 08:00
	Rehabilitation, Nursing/Physiotherapy, Other Allied Health; Patient Participation	08:00 - 08:00
P_245	Outcome measurement and goal-setting recommendations in the multipattern treatment of shoulder spasticity with Botulinum Neurotoxin <i>Poster Presenter:</i> Joerg Wissel, DE <i>Poster Presenter:</i> Jorge Jacinto, PT	08:00 - 08:00
P_246	Feasibility of Parkinson's disease treatment utilizing therapy dog with American Kennel Club Canine Certified Therapy Dog <i>Poster Presenter:</i> Ashley Durbin, US	08:00 - 08:00
P_247	Maintaining and improving individual gains made in physical therapy (PT) by using a dynamic standing protocol post-physical therapy sessions	08:00 - 08:00

	<i>Poster Presenter:</i> Miriam van Emde Boas, US	
P_250	Functional Outcomes of an Intensive Multimodal Rehabilitation Intervention for Moderately Advanced Parkinson's Disease <i>Poster Presenter:</i> Priyanka Moondra, US	08:00 - 08:00
P_251	Virtual Reality Table Tennis in People with Parkinson Disease <i>Poster Presenter:</i> Shinsuke Fujioka, JP	08:00 - 08:00
<i>Oral Presentation</i>		
09:30 - 10:30		W196
Oral Presentations: Other Movement Disorders		
<i>Chair:</i> Niccolo Mencacci, US		
<i>Chair:</i> Genko Oyama, JP		
O_1	Alterations of brain neurotransmitters and metabolites in a rat model of Huntington's disease <i>Oral Presenter:</i> Ankush Kumar, IN	09:30 - 09:40
O_2	Perry syndrome (parkinsonism, neuropsychiatric symptoms, weight loss, hypoventilation): large new pedigree and first study on prodromal stage of the disease <i>Oral Presenter:</i> Jaroslaw Dulski, US	09:40 - 09:50
O_3	Mutation screening of APOE variants in a large dystonia cohort <i>Oral Presenter:</i> Junyu Lin, CN	09:50 - 10:00
O_4	Mitochondrial ATP synthase variants in dystonia, spastic paraplegia, and ataxia <i>Oral Presenter:</i> Junyu Lin, CN	10:00 - 10:10
O_5	The Huntington Disease Health Index (HD-HI): Measuring changes in disease burden in response to valbenazine during the KINECT-HD-Trial <i>Oral Presenter:</i> Chad Heatwole, US	10:10 - 10:20
O_6	Fixing a shaky video to remotely program deep brain stimulation <i>Oral Presenter:</i> Maria Belen Justich, CA	10:20 - 10:30
<i>Oral Presentation</i>		
09:30 - 10:30		W194b
Oral Presentations: PD: Clinical and Neuroscience		
<i>Chair:</i> Kailash Bhatia, GB		
<i>Chair:</i> Talene Yacoubian, US		
O_10	Representation of Parkinson's disease in the cinema <i>Oral Presenter:</i> Natalia Szejko, CA	09:30 - 09:45
O_13	The Parkinson's Disease-Health Index (PD-HI): development and validation of a novel, disease specific, patient reported outcome measure <i>Oral Presenter:</i> Jamison Seabury, US	09:45 - 10:00
O_14	Neurophysiological markers of motor reserve in Parkinson's disease	10:00 - 10:15

	<i>Oral Presenter:</i> Massimiliano Passaretti, IT	
O_15	Expanding the genetic basis of PD heterogeneity: Genome-Wide Association Study on PD subtypes <i>Oral Presenter:</i> Jaroslaw Dulski, US	10:15 - 10:30
<i>Oral Presentation</i>		
09:30 - 10:30		W192b
Oral Presentations: PD: Therapy		
<i>Chair:</i> Beom Seok Jeon, KR		
<i>Chair:</i> Katerina Markopoulou, US		
O_20	Connectivity profile for deep brain stimulation in early stage Parkinson disease <i>Oral Presenter:</i> David Charles, US	09:30 - 09:40
O_21	Image-guided programming in patients with Parkinson's disease with suboptimal response to deep brain stimulation <i>Oral Presenter:</i> Viviana Torres, ES	09:40 - 09:50
O_22	Geographic disparities and access to device-aided therapy services for medicare beneficiaries with advanced Parkinson's disease <i>Oral Presenter:</i> Hubert Fernandez, US	09:50 - 10:00
O_23	Safety of Foslevodopa/Foscarbidopa during Optimization and Maintenance Treatment: Post Hoc Analysis of a Phase 3 Trial <i>Oral Presenter:</i> Pavnit Kukreja, US	10:00 - 10:10
O_24	Characterizing a Parkinson's Disease Population inadequately controlled by oral therapy: Baseline Characteristics of the Phase 3 Clinical Program for Foslevodopa/Foscarbidopa <i>Oral Presenter:</i> Pavnit Kukreja, US	10:10 - 10:20
O_25	Teleprogramming results in quicker optimization of DBS in Parkinson's disease: Early results from the ROAM-DBS trial <i>Oral Presenter:</i> Alireza Gharabaghi, DE	10:20 - 10:30
<i>Break</i>		
09:30 - 10:30		Poster
Break and oral posters		
<i>Coffee with the Professor</i>		
09:30 - 10:30		EXH
Coffee with the Professor		
<i>Moderator:</i> Tanya Simuni, US		
<i>Moderator:</i> Alberto Albanese, IT		
<i>Parallel Session</i>		
10:30 - 12:00		W196
Parallel Session 1 (Clinical Practice Track): Workshops in Movement Disorders		
<i>Chair:</i> Alberto Albanese, IT		
<i>Chair:</i> Joohi Jimenez-Shahed, US		
	Parallel 1a: Use of botulinum toxin in movement disorders	10:30 - 11:00

Speaker: Rupam Borgohain, IN

Parallel 1b: Workshop on DBS programming

11:00 - 11:30

Speaker: Benjamin Walter, US

Parallel 1c: Workshop on pump technologies

11:30 - 12:00

Speaker: Angelo Antonini, IT

Parallel Session

10:30 - 12:00

W194b

Parallel Session 2 (Clinical Practice Track): Gait Disorders

Chair: Bas Bloem, NL

Chair: Philip Tipton, US

Parallel 2a: Gait in synucleinopathy

10:30 - 11:00

Speaker: Nicolaas Bohnen, US

Parallel 2b: Gait in tauopathy

11:00 - 11:30

Speaker: Farwa Ali, US

Parallel 2c: Gait in normal pressure hydrocephalus (NPH) and other disorders

11:30 - 12:00

Speaker: Philip Tipton, US

Parallel Session

10:30 - 12:00

W192b

Parallel Session 3 (Research/Translational Track): Recent Advances in Nonmotor Symptoms

Chair: Dan Weintraub, US

Chair: Peter Hedera, US

Parallel 3a: Dementia

10:30 - 11:00

Speaker: Melissa Jo Armstrong, US

Parallel 3b: Psychosis

11:00 - 11:30

Speaker: Dan Weintraub, US

Parallel 3c: Autonomic

11:30 - 12:00

Speaker: Peter Hedera, US

Break

12:00 - 14:30

W192b

Lunch Break

Break

12:00 - 14:30

EXH

Lunch Break

Break

12:00 - 14:30

EXH

Lunch Break

Corporate Lunch Session

12:15 - 13:45

W194b

Corporate Lunch Session: Supernus

Increasing GOOD ON Time while reducing OFF and dyskinesia in patients with Parkinson's disease	12:15 - 12:15
Increasing GOOD ON Time while reducing OFF and dyskinesia in Parkinson's disease <i>Speaker:</i> Robert Hauser, US <i>Speaker:</i> William Ondo, US	12:15 - 13:15
Q&A <i>Speaker:</i> Robert Hauser, US <i>Speaker:</i> William Ondo, US	13:15 - 13:45
<i>Corporate Lunch Session</i> 12:15 - 14:15	W192a
Corporate Lunch Session: Merz Therapeutics <i>Moderator:</i> Alberto Albanese, IT <i>Moderator:</i> Anna Castagna, IT <i>Moderator:</i> Laxman Bahroo, US <i>Chair:</i> Lester Duplechan, US	
<i>Corporate Lunch Session</i> 12:15 - 13:45	W192b
Corporate Lunch Session: Neurocrine Biosciences, Inc.	
Exploring the Science, Symptoms, and Treatment of Hypo- and Hyperkinetic Movement Disorders- ONGENTYS (Opicapone) capsules for PD and INGREZZA (Valbenazine) capsules for TD <i>Speaker:</i> Daniel Kremens, US <i>Speaker:</i> Richard Trosch, US	12:15 - 12:15
Identifying disease-specific features for patients presenting with one or multiple types of movement disorders	12:15 - 12:35
Discussing the shared pathophysiology of dopamine-associated hyper and hypokinetic movement disorders	12:35 - 12:55
Review clinical study data for an FDA-approved adjunctive treatment to levodopa/carbidopa in patients with Parkinson's disease experiencing OFF episodes	12:55 - 13:15
Review clinical study data for FDA-approved treatment for adults with tardive dyskinesia, including a before and after patient case	13:15 - 13:35
Q&A	13:35 - 13:45
<i>Plenary Session</i> 14:30 - 16:00	W196
Plenary Session 4: Parkinson Disease Progression and Biomarkers <i>Chair:</i> Tanya Simuni, US <i>Chair:</i> Un Kang, US	
Plenary Session 4a: Challenges in measuring clinical disease progression in PD: Lessons from PPMI and clinical trials <i>Speaker:</i> Tanya Simuni, US	14:30 - 15:00

Plenary Session 4b: Neuroimaging biomarkers: SPECT vs MRI		15:00 - 15:30
<i>Speaker:</i> Jon Stoessl, CA		
Plenary Session 4c: Other biomarkers (skin, CSF, blood, etc.)		15:30 - 16:00
<i>Speaker:</i> Yaroslau Compta, ES		
<i>Break</i>		
16:00 - 16:30		EXH
Coffee Break		
<i>Parallel Session</i>		
16:30 - 18:00		W196
Parallel Session 4 (Clinical Practice Track): Management of Resistant Parkinson Disease Symptoms		
<i>Chair:</i> Alberto Albanese, IT		
<i>Chair:</i> Bas Bloem, NL		
Parallel 4a: Sleep-wake disturbances		16:30 - 17:00
<i>Speaker:</i> Simon Lewis, AU		
Parallel 4b: Balance and falls		17:00 - 17:30
<i>Speaker:</i> Beom Seok Jeon, KR		
Parallel 4c: Diagnosis of speech and swallowing problems in PD		17:30 - 18:00
<i>Speaker:</i> Ailton Melo, BR		
<i>Parallel Session</i>		
16:30 - 18:00		W194b
Parallel Session 5 (Education Track): Updates in Essential Tremor		
<i>Chair:</i> Daniel Kremens, US		
<i>Chair:</i> Joaquim Ferreira, PT		
Parallel 5a: Diagnosis		16:30 - 17:00
<i>Speaker:</i> Elan Louis, US		
Parallel 5b: Deep brain stimulation vs. focused ultrasound		17:00 - 17:30
<i>Speaker:</i> Raul Martinez-Fernandez, ES		
Parallel 5c: Drug treatment present and future		17:30 - 18:00
<i>Speaker:</i> Joaquim Ferreira, PT		
<i>Parallel Session</i>		
16:30 - 18:00		W192b
Parallel Session 6 (Clinical Practice Track): Infectious and Autoimmune Movement Disorders		
<i>Chair:</i> Alfonso Fasano, CA		
<i>Chair:</i> Jaroslaw Sławek, PL		
Parallel Session 6a: COVID-19 and movement disorders		16:30 - 17:00
<i>Speaker:</i> Alfonso Fasano, CA		
Parallel Session 6b: Infectious movement disorders		17:00 - 17:30
<i>Speaker:</i> Ai Huey Tan, MY		

Parallel Session 6c: Autoimmune movement disorders

17:30 - 18:00

Speaker: Bettina Balint, CH

Internal Session

18:30 - 20:00

W196

IAPRD Annual General Business Meeting

Monday, 15. May 2023*Plenary Session*

08:00 - 09:30

W196

Plenary Session 5: Genetics and Movement Disorders*Chair:* Zbigniew K. Wszolek, US*Chair:* Christine Klein, DE**Plenary Session 5a: Parkinson disease genes and the role of routine clinical testing**

08:00 - 08:30

Speaker: Jaroslaw Dulski, US**Plenary Session 5b: Should genetic status influence treatment in Parkinson disease?**

08:30 - 09:00

Speaker: Andreas Puschmann, SE**Plenary Session 5c: Genetic testing in other movement disorders**

09:00 - 09:30

Speaker: Christine Klein, DE*Break*

09:30 - 10:30

Poster

Break and oral posters*Oral Presentation*

09:30 - 10:30

Poster

Guided Poster Tours**Guided Poster Tour: PD: Therapy**

09:30 - 09:30

Moderator: Marie Helene Saint-Hilaire, US*Moderator:* Leo Verhagen, US

P_48 (GPT)

Pallidal deep brain stimulation for Tourette's syndrome: a case series

09:30 - 09:30

Oral Presenter: Prashant Natteru, US

P_50 (GPT)

The location of subthalamic nucleus neurostimulation is associated with axial motor outcomes in Parkinson's disease

09:30 - 09:30

Oral Presenter: Madison Butler, US

P_52 (GPT)

Effectiveness of deep brain stimulation in Vietnamese patients with advanced Parkinson's disease

09:30 - 09:30

Oral Presenter: Khang Chung Ngoc Vo, VN

P_71 (GPT)

Current perspectives on the pharmacogenomics of the side effects of Parkinson's disease treatment: a systematic review

09:30 - 09:30

Oral Presenter: Henry Mauricio Chaparro-Solano, US

P_248 (GPT)

Pharyngeal structure and dysphagia in patients with parkinsonism

09:30 - 09:30

Oral Presenter: Jeongeun Lee, KR

P_252 (GPT)

Combined physiotherapy and deep brain stimulation to improve independent community mobility in Parkinson's disease

09:30 - 09:30

Oral Presenter: Rajasumi Rajalingam, CA

	Guided Poster Tour: PD: Neuroscience	09:30 - 09:30
	<i>Moderator:</i> Etienne Hirsch, FR <i>Moderator:</i> Serge Przedborski, US	
P_07 (GPT)	Development and validation of the Vietnamese Smell Identification Test (VSIT) <i>Oral Presenter:</i> Thi Huyen Thuong Dang, VN	09:30 - 09:30
P_09 (GPT)	Role of brain renin angiotensin system in the pathophysiology of neurodegenerative disorders <i>Oral Presenter:</i> Mohamed Abulfadl, GB	09:30 - 09:30
P_10 (GPT)	α-Synuclein induces neuroinflammation injury through the IL6ST-AS/STAT3/HIF-1α axis <i>Oral Presenter:</i> Danyu Lin, CN	09:30 - 09:30
P_12 (GPT)	Experimental model of Parkinsonian diseases on the example of oxotremorine <i>Oral Presenter:</i> Lobarkhon Alimbekova, UZ	09:30 - 09:30
P_13 (GPT)	Estrogen and progesterone influence membrane functions and glucose transporter expression in synaptosomes of different age groups of naturally menopausal rats <i>Oral Presenter:</i> Pardeep Kumar, IN	09:30 - 09:30
P_36 (GPT)	pS129-α-Synuclein and α-synuclein in CNS-originating extracellular vesicles improve the differential diagnosis of Parkinson's disease and multiple system atrophy <i>Oral Presenter:</i> Hash Brown Taha, US	09:30 - 09:30
P_40 (GPT)	The Synuclein-One Study: Skin biopsy detection of phosphorylated alpha-synuclein for diagnosis of the synucleinopathies <i>Oral Presenter:</i> Todd Levine, US	09:30 - 09:30
P_74 (GPT)	Whole-exome sequencing study of Parkinson's disease in the Croatian population <i>Oral Presenter:</i> Vladimira Vuletić, HR	09:30 - 09:30
P_106 (GPT)	Serum inflammatory cytokines levels and the correlation analyses in Parkinson's disease <i>Oral Presenter:</i> Sihui Chen, CN	09:30 - 09:30
	Guided Poster Tour: PD: Clinical	09:30 - 09:30
	<i>Moderator:</i> Anhar Hassan, IE <i>Moderator:</i> Mark Lew, US	
P_64 (GPT)	Working memory dysfunctions in Parkinson's disease in a sample of the Tunisian population <i>Oral Presenter:</i> Tarek Bellaj, QA	09:30 - 09:30
P_79 (GPT)	Longitudinal analysis of plasma biomarkers for freezing of gait in Parkinson's disease <i>Oral Presenter:</i> Ruwei Ou, CN	09:30 - 09:30
P_81 (GPT)	Observational study to investigate the relationship between stress related disorders and dysautonomic symptoms in Parkinson's disease <i>Oral Presenter:</i> Daniel Martinez-Ramirez, MX	09:30 - 09:30

P_96 (GPT)	A 26-week study of long-term adherence to a iPhone and Apple Watch based PROM platform: enhancing measurement and improving outcomes <i>Oral Presenter:</i> Benoit Tas, BE	09:30 - 09:30
P_101 (GPT)	Feasibility of virtual measurement of sequential motor assessments for Parkinson's disease <i>Oral Presenter:</i> Abdelwahab Elshourbagy, EG	09:30 - 09:30
P_105 (GPT)	Sex differences in the age at onset of Parkinson disease in Latin American populations <i>Oral Presenter:</i> Janvi Ramchandra, US	09:30 - 09:30
P_150 (GPT)	Healthcare access in patients with Parkinson 's disease - Analysis of the Health and Retirement Study <i>Oral Presenter:</i> Natalia Szejko, CA	09:30 - 09:30
P_157 (GPT)	Freezing of gait detection using RGB and walkway pressure data with AFSD algorithm <i>Oral Presenter:</i> Kai-Cheng Hsu, TW	09:30 - 09:30
P_158 (GPT)	Abnormalities on pareidolia testing and visual hallucinations in patients with parkinsonism <i>Oral Presenter:</i> Rupam Borgohain, IN	09:30 - 09:30
	Guided Poster Tour: Other Movement Disorders <i>Moderator:</i> Un Kang, US <i>Moderator:</i> Karen Frei, US	09:30 - 09:30
P_25 (GPT)	Usefulness of Dual-Phase FP-CIT PET in distinguishing between corticobasal degeneration and idiopathic Parkinson disease within 2 Years of disease duration <i>Oral Presenter:</i> Min Seung Kim, KR	09:30 - 09:30
P_177 (GPT)	Orthostatic hypotension in multiple system atrophy: related factors and disease prognosis <i>Oral Presenter:</i> Qirui Jiang, CN	09:30 - 09:30
P_181 (GPT)	The perfusion of the parietal region as a feature of progressive supranuclear palsy subtypes <i>Oral Presenter:</i> Natalia Madetko-Alster, PL	09:30 - 09:30
P_182 (GPT)	Remote assessments using wearable sensors can differentiate progressive supranuclear Palsy from Parkinson's disease <i>Oral Presenter:</i> Anne-Marie Wills, US	09:30 - 09:30
P_205 (GPT)	Adult-onset tics after being crushed by an air conditioner - A case report <i>Oral Presenter:</i> Madeline Kroeger, US	09:30 - 09:30
P_214 (GPT)	Another common genetic ataxia in South Korea: Spinocerebellar ataxia 36 <i>Oral Presenter:</i> Jinyoung Youn, KR	09:30 - 09:30
P_237 (GPT)	Predictors of bone marrow transplant outcomes in CSF1R-related adult-onset leukoencephalopathy with axonal spheroids and pigmented glia <i>Oral Presenter:</i> Jaroslaw Dulski, US	09:30 - 09:30

P_238 (GPT)	Differences in patient and healthcare professional perspectives on the key impacts of tardive dyskinesia <i>Oral Presenter:</i> Stacy Finkbeiner, US	09:30 - 09:30
P_239 (GPT)	A novel <i>C19ORF12</i> mutation in two MPAN sisters treated with deferiprone <i>Oral Presenter:</i> Sihui Chen, CN	09:30 - 09:30
P_242 (GPT)	Real-world adherence to deutetrabenazine or valbenazine among patients with tardive dyskinesia <i>Oral Presenter:</i> Stacy Finkbeiner, US	09:30 - 09:30
	Guided Poster Tour: Resident and Trainee I <i>Moderator:</i> Junaaid Siddiqui, US <i>Moderator:</i> Diego Torres-Russotto, US	09:30 - 09:30
P_68 (GPT)	Longitudinal cognitive changes in genetic and idiopathic Parkinson's disease: 5-year follow-up study <i>Oral Presenter:</i> Olaia Lucas-Jiménez, ES	09:30 - 09:30
P_95 (GPT)	Evidence of intrinsic vestibular deficits in Parkinson's disease correlated with brain cholinergic system integrity <i>Oral Presenter:</i> Simon David, US	09:30 - 09:30
P_103 (GPT)	Effect of changes in stomach and small intestinal pH on response to levodopa in patients with Parkinson's Disease. <i>Oral Presenter:</i> Monica Arena, US	09:30 - 09:30
P_107 (GPT)	Touchscreen nQ application as a remote digital biomarker in Parkinson disease <i>Oral Presenter:</i> Oliver Phillips, US	09:30 - 09:30
P_164 (GPT)	Association between lifestyle and environmental factors with disease severity and age at onset in multi-ethnic Malaysian Parkinson's disease patients <i>Oral Presenter:</i> Jie Ping Schee, MY	09:30 - 09:30
P_165 (GPT)	Establishing a framework for quality of inpatient care for Parkinson's disease: A study on inpatient medication administration <i>Oral Presenter:</i> Benjamin Walter, US	09:30 - 09:30
P_253 (GPT)	Effects of aerobic exercise on motor and non-motor symptoms of Parkinson's disease: a systematic review and meta-analysis <i>Oral Presenter:</i> Muhammed Elfaituri, LY	09:30 - 09:30
	Guided Poster Tour: Resident and Trainee II <i>Moderator:</i> Ruth Walker, US <i>Moderator:</i> Jinyoung Youn, KR	09:30 - 09:30
P_62 (GPT)	Exploration of antipsychotic prescribing practices among movement disorders subspecialists for patients with Parkinson's Disease Dementia and Dementia with Lewy Bodies <i>Oral Presenter:</i> Karina Burda, US	09:30 - 09:30
P_194 (GPT)	Adult-onset cervical dystonia with botulinum toxin resistance and approach to severe spine deformity for deep brain stimulation: a case report	09:30 - 09:30

	<i>Oral Presenter:</i> Emily Tamadonfar, US	
P_201 (GPT)	New-onset Chorea post-SARS-CoV-2 infection: a case report <i>Oral Presenter:</i> Benjamin Grimm, US	09:30 - 09:30
P_204 (GPT)	Persistent chorea gravidarum with an autoimmune etiology: a follow up four years later <i>Oral Presenter:</i> Shawn Sedgh, US	09:30 - 09:30
P_212 (GPT)	Translation and argentinean adaptation of the scale for the assessment and classification of Ataxia (SARA) <i>Oral Presenter:</i> Julian Fernandez Boccazzi, AR	09:30 - 09:30
P_218 (GPT)	A case series of essential tremor featuring rest tremor of the lower extremities <i>Oral Presenter:</i> Janine Chan, US <i>Oral Presenter:</i> Emily Tamadonfar, US	09:30 - 09:30

Coffee with the Professor

09:30 - 10:30

EXH

Coffee with the Professor*Moderator:* Claire Henchcliffe, US*Moderator:* Oksana Suchowersky, CA*Parallel Session*

10:30 - 12:00

W196

Parallel Session 8 (Education Track): Career Enhancement Workshop*Chair:* Un Kang, US*Chair:* Talene Yacoubian, US

Parallel 8a: Conducting clinical trials	10:30 - 11:00
<i>Speaker:</i> Claire Henchcliffe, US	
Parallel 8b: If I had to do it all over again	11:00 - 11:30
<i>Speaker:</i> Marie Helene Saint-Hilaire, US	
<i>Speaker:</i> Fereshte Adib Saberi, DE	
<i>Speaker:</i> Ryan Uitti, US	
Parallel 8c: Setting up a multidisciplinary team	11:30 - 12:00
<i>Speaker:</i> Diego Torres-Russotto, US	

Parallel Session

10:30 - 12:00

W194b

Parallel Session 7 (Clinical Practice Track): Video Workshop on Diagnostic Approach to Patients with Hyperkinetic Syndromes*Chair:* Pramod Pal, IN*Chair:* Ruth Walker, US

Parallel 7a: Dystonias	10:30 - 11:00
<i>Speaker:</i> Sarah Pirio Richardson, US	
Parallel 7b: Ataxias	11:00 - 11:30
<i>Speaker:</i> Shinsuke Fujioka, JP	
Parallel 7c: Episodic and other rare movement disorders	11:30 - 12:00
<i>Speaker:</i> Anhar Hassan, IE	

Parallel Session

10:30 - 12:00

W192b

Parallel Session 9 (Research/Translational Track): Update of Atypical Parkinsonian Syndromes*Chair:* Horacio Kaufmann, US*Chair:* Anne-Marie Wills, US**Parallel 9a: Multiple system atrophy**

10:30 - 11:00

Speaker: Horacio Kaufmann, US**Parallel 9b: Progressive supranuclear palsy**

11:00 - 11:30

Speaker: Irene Litvan, US**Parallel 9c: Lewy body dementia**

11:30 - 12:00

Speaker: John O'Brien, GB*Poster Presentations*

10:30 - 17:00

Poster

Poster Exhibition**Basic Neuroscience (excluding Genetics)**

10:30 - 10:30

P_01

Role of heterozygous mutations in 'recessive' genes in Parkinson disease

10:30 - 10:30

Poster Presenter: Dilzoda Azizova, UZ

P_02

Smek1 deficiency in PSP induces tau pathology via regulating Kif2a translocation

10:30 - 10:30

Poster Presenter: Ruonan Duan, CN

P_05

Features of orthostatic hypotension in patients with mild cognitive impairment

10:30 - 10:30

Poster Presenter: Anastasiia Ovchinnicova, UA

P_08

The impact of altered sensory metacognition in Parkinson's disease

10:30 - 10:30

Poster Presenter: Adam Zaidel, IL

P_11

Evaluation of orthostatic hypotension questionnaires

10:30 - 10:30

Poster Presenter: Anastasiia Ovchynnykova, UA**Imaging and Biomarkers**

10:30 - 10:30

P_14

Biochemical markers in Parkinson's disease

10:30 - 10:30

Poster Presenter: Malika Mirzayeva, UZ

P_15

Biomarkers of vascular cognitive dysfunction. Identification of early markers of cognitive impairment before the development of dementia.

10:30 - 10:30

Poster Presenter: Dilzoda Azizova, UZ

P_19

The variability in clinical manifestations of brain iron deposition

10:30 - 10:30

Speaker: Evan Gray, US

P_20

Cerebrospinal fluid analysis in amyotrophic lateral sclerosis

10:30 - 10:30

Poster Presenter: Katerina Klicova, CZ

P_21

Clinical improvement with normalization of dopamine transporter imaging in a patient with bupropion-induced

10:30 - 10:30

parkinsonism*Poster Presenter:* Ximena Pizarro, CL

P_22	Pilot investigation of MRI-derived perfusion measures in cognitively impaired patients with Parkinson's disease <i>Poster Presenter:</i> Virendra Mishra, US	10:30 - 10:30
P_23	Hyperhomocysteinemia in Parkinson's disease. <i>Poster Presenter:</i> Zarina Omonova, UZ	10:30 - 10:30
P_26	The role of inflammation in the pathophysiology of primary tauopathies <i>Poster Presenter:</i> Hedvika Šlanhofová, CZ	10:30 - 10:30
P_27	CHARACTERIZATION OF THE FINDINGS OF THE OPTICAL COHERENCE TOMOGRAPHY IN PATIENTS WITH PARKINSON'S DISEASE <i>Poster Presenter:</i> Óscar Bernal-Pacheco, CO	10:30 - 10:30
P_29	MRI-based machine learning approach to predict the motor symptom severity in patients with Parkinson's disease <i>Poster Presenter:</i> Benjamin Walter, US	10:30 - 10:30
P_30	Role of neuroinflammation on biomarker levels in the cerebrospinal fluid and blood serum of multiple system atrophy patients and controls <i>Poster Presenter:</i> Sarah Cook, CZ	10:30 - 10:30
P_31	The role of inflammatory biomarkers in the LBD neurodegenerative process <i>Poster Presenter:</i> Dorota Koníčková, CZ	10:30 - 10:30
p_32	Neurofilament light predicts weight loss in patients with Parkinson's disease: A prospective study <i>Poster Presenter:</i> Kuncheng Liu, CN	10:30 - 10:30
P_34	Longitudinal analysis of oligomeric alpha-synuclein in Parkinson's disease tears <i>Poster Presenter:</i> Mark Lew, US	10:30 - 10:30
P_35	A proof of concept: digital diary using 24-hour monitoring using wearable device for patients with Parkinson's disease in nursing home <i>Poster Presenter:</i> Hikaru Kamo, JP	10:30 - 10:30
P_38	Correlates of cholinergic system vulnerability and resiliency in visual hallucinations in Lewy Body dementia <i>Poster Presenter:</i> Ishita Ghosh, US	10:30 - 10:30
P_39	Topography of cholinergic nerve terminal vulnerability and mobility self-efficacy in Parkinson's disease <i>Poster Presenter:</i> Jaimie Barr, US	10:30 - 10:30
P_41	Topographic analysis of cerebral GABA_A receptor availability and functional mobility in Parkinson's disease <i>Poster Presenter:</i> Robert Vangel, US	10:30 - 10:30
	Neurosurgery (including Deep Brain Stimulation)	10:30 - 10:30
P_42	Gait and speech improvement in one patient with 3-month	10:30 - 10:30

	adaptive STN-DBS therapy	
	<i>Poster Presenter:</i> Ioannis Isaias, DE	
P_43	The added value of accelerometric monitoring during thalamotomy	10:30 - 10:30
	<i>Poster Presenter:</i> Annemarie Smid, NL	
P_44	Deep brain stimulation practices for Parkinson's disease in Chile	10:30 - 10:30
	<i>Poster Presenter:</i> Philippe Salles, CL	
P_45	Long-term outcome of globus pallidus interna deep brain stimulation for Parkinson's disease patients: five-year follow-up	10:30 - 10:30
	<i>Poster Presenter:</i> Sun Ju Chung, KR	
P_46	Autologous Unconditioned peripheral nerve tissue delivery to the substantia nigra (GUIDE) in patients with Parkinson's disease undergoing DBS surgery	10:30 - 10:30
	<i>Poster Presenter:</i> Jaimie Hixson, US	
P_47	Preliminary results from the Engage-PD study: enhancing gait using alternating-frequency DBS in Parkinson's disease	10:30 - 10:30
	<i>Poster Presenter:</i> James Liao, US	
P_49	Right Subthalamic Nucleus Active Electrode Location Influences Weight Gain After Deep Brain Stimulation	10:30 - 10:30
	<i>Poster Presenter:</i> Amelia Heston, US	
P_51	Acceptability of Adaptive Deep Brain Stimulation for Parkinson's Disease	10:30 - 10:30
	<i>Poster Presenter:</i> Genko Oyama, JP	
P_53	Long-term safety of Magnetic resonance-guided high-intensity focused ultrasound in movement disorders: A systematic review and meta-analysis.	10:30 - 10:30
	<i>Poster Presenter:</i> Ali Abusrair, CA	
P_54	Reconstructing time-domain data from discontinuous Percept™ output using external data acquisition and linear filtering	10:30 - 10:30
	<i>Poster Presenter:</i> James Liao, US	
	Behavior, Cognition, Psychiatry	10:30 - 10:30
P_55	HIV associated Dementia, a clinical case report	10:30 - 10:30
	<i>Poster Presenter:</i> Farkhod Yunusov, UZ	
P_56	The impact of COVID-19 on depression in patients in Uzbekistan	10:30 - 10:30
	<i>Speaker:</i> Komila Narkulova, UZ	
P_59	Clinical and neuropsychological characterization of patients with primary progressive aphasia in the DESCRIBE-FTD-study	10:30 - 10:30
	<i>Poster Presenter:</i> Pawel Tacik, DE	
P_60	Distinctive course characteristics of depression and anxiety disorders in Parkinson's disease	10:30 - 10:30
	<i>Poster Presenter:</i> Olim Naimov, UZ	

P_61	Some aspects of prediction dementia in patients with Parkinson's disease <i>Poster Presenter:</i> Gulnora Rakhimbaeva, UZ	10:30 - 10:30
P_67	Evaluation of voice intensity and speech loudness perception in Parkinson's Disease <i>Poster Presenter:</i> Óscar Bernal-Pacheco, CO	10:30 - 10:30
	Parkinson Disease: Genetics	10:30 - 10:30
P_72	Factors predicting amantadine response among patients with Parkinson's disease. <i>Poster Presenter:</i> Leila Saadatpour, US	10:30 - 10:30
P_76	A study of genetic variation associated with rates of motor and nonmotor progression in early Parkinson's disease <i>Poster Presenter:</i> Jay Iyer, US	10:30 - 10:30
P_77	Parkinson's Disease Genetic Results From A Large Midwest Cohort: The Gary A Smith PD GENERation Site <i>Poster Presenter:</i> Angela Richmond, US	10:30 - 10:30
	Parkinson Disease: Subtypes, natural course	10:30 - 10:30
P_78	Relationship between peripheral adaptive immune markers and Parkinson's disease progression <i>Poster Presenter:</i> Xiao Yi, CN	10:30 - 10:30
P_82	The impact of type 2 diabetes mellitus drugs on the onset of Parkinson's disease <i>Poster Presenter:</i> Ioannis Isaias, DE	10:30 - 10:30
P_83	Relationship between Postural instability and Gait Difficulties, Visuo-cognition, and Vision in Parkinson's disease <i>Poster Presenter:</i> Miriam van Emde Boas, US	10:30 - 10:30
P_84	Postural Control Subtypes in Parkinson's Disease and Older Adults <i>Poster Presenter:</i> Stiven Roytman, US	10:30 - 10:30
	Parkinson Disease: Clinical assessment (including devices)	10:30 - 10:30
P_85	Evaluation of the Clinical Outcomes and Disease Burden in Advanced Parkinson's Disease Patients: PROSPECT Study Preliminary Results <i>Poster Presenter:</i> Pavnit Kukreja, US	10:30 - 10:30
P_86	Technology for virtual assessment of the quality of rhythmic movements in the extremities <i>Poster Presenter:</i> James Brasic, US	10:30 - 10:30
P_87	Community-Academic Initiative to Measure and Improve Underrepresented Group Participation in Parkinson's Disease Research <i>Poster Presenter:</i> Anabel Marre, US	10:30 - 10:30
P_89	Wearables for Advanced Parkinson's Therapy Screening and Management <i>Poster Presenter:</i> Dustin Heldman, US	10:30 - 10:30

P_90	Actigraphy shows feasibility as a biomarker of dopaminergic medication use and motor fluctuations in Parkinson's disease <i>Poster Presenter:</i> Jun Ha Chang, US	10:30 - 10:30
P_91	Is there a white coat effect in Parkinson disease? <i>Poster Presenter:</i> Oliver Phillips, US	10:30 - 10:30
P_93	Clinical and motor fluctuation assessment with a mobile app and electronic diary <i>Poster Presenter:</i> Alexandra Ferreirós, CO	10:30 - 10:30
P_99	Acceptability of movement-prompting rehabilitation device to increase non-exercise physical activity levels in people with Parkinson's disease <i>Poster Presenter:</i> Abigail Biddix, US	10:30 - 10:30
P_100	Composite measures of motor performance and self-efficacy are better determinants of postural instability and gait difficulties than individual clinical measures in Parkinson's disease <i>Poster Presenter:</i> Chatkaew Pongmala, US	10:30 - 10:30
P_102	The Effect of 4-month Exercise Programme on Timed Up and Go Test in Patients with Parkinsons Disease - interim analysis <i>Poster Presenter:</i> Pavol Martiš, SK	10:30 - 10:30
P_104	Impact of Covid-19 infection on the course of Parkinson's disease <i>Poster Presenter:</i> Bekzod Muminov, UZ	10:30 - 10:30
P_109	Visualization of the MDS-UPDRS results <i>Poster Presenter:</i> Jaimie Hixson, US	10:30 - 10:30
P_110	Smartphone app-based tapping test characteristics in a longitudinal cohort of Parkinson's disease patients <i>Poster Presenter:</i> Jesus Abanto, US	10:30 - 10:30
P_111	Levodopa-entacapone-carbidopa intestinal gel (LECIG) for advanced Parkinson's - single centre experience from Romania <i>Poster Presenter:</i> József Szász, RO	10:30 - 10:30
P_112	Clinical and sensor-based motor outcome parameters as predictors of freezing of gait in Parkinson's disease <i>Poster Presenter:</i> Chatkaew Pongmala, US	10:30 - 10:30
P_114	Quantitative analysis of static postural balance between faller and non-faller in patients with Parkinson's disease <i>Poster Presenter:</i> Do-Young Kwon, KR	10:30 - 10:30
P_115	Change of Gait in Parkinson's Disease Patients According to Electrode Localisation in Subthalamic Nucleus <i>Poster Presenter:</i> Martin Nevrlý, CZ	10:30 - 10:30
	Parkinson Disease: Therapy (excluding surgical, physical)	10:30 - 10:30
P_116	Enrollment characteristics for patients entering a Phase 3 study of subcutaneous levodopa/carbidopa infusion with	10:30 - 10:30

ND0612*Poster Presenter:* Joaquim Ferreira, PT

P_117	Rationale for a potentially pivotal study of NE3107 in Parkinson's disease <i>Poster Presenter:</i> Nily Osman, US	10:30 - 10:30
P_118	Rapid onset of good ON time and improvement in motor-state stability in aPD patients after treatment with continuous subcutaneous foslevodopa/foscarbidopa <i>Poster Presenter:</i> Connie H. Yan, US	10:30 - 10:30
P_119	Use of Glutathione in Parkinson's disease at earlier stages of the disease and the prognosis of delaying its progression <i>Poster Presenter:</i> Sardorbek Musayev, UZ	10:30 - 10:30
P_120	Impact of physical activity to expand serum a klotho levels amidst people with Parkinson disease <i>Poster Presenter:</i> Waiswa Moses, UG	10:30 - 10:30
P_121	The Phase 2, randomized, placebo-controlled PRECEDENT trial of SAGE-718 in patients with Parkinson's disease cognitive impairment: clinical trial in progress <i>Poster Presenter:</i> Amy Bullock, US	10:30 - 10:30
P_122	Protocol to Help Neurologists Manage Subcutaneous Apomorphine Therapy Skin Nodules: Expert Roundtable Recommendations <i>Poster Presenter:</i> Stuart Isaacson, US	10:30 - 10:30
P_123	Targeting the gut-brain axis in Parkinson's disease: Preliminary findings from butyric acid supplementation in Parkinson's Disease <i>Poster Presenter:</i> Alexis Griggs, US	10:30 - 10:30
P_125	Dysphagia and mortality in people with Parkinson's disease treated with Levodopa-Carbidopa Intestinal Gel <i>Poster Presenter:</i> DOMIZIANA RINALDI, IT	10:30 - 10:30
P_126	Subgroup Analyses of Effect of Treatment With Levodopa Inhalation Powder (CVT-301) 84 mg by Severity of OFF Symptoms in People With Parkinson's Disease, as Assessed by the Unified Parkinson's Disease Rating Scale Part III (UPDRS-III) <i>Poster Presenter:</i> Ron Cohen, US	10:30 - 10:30
P_127	A Population Pharmacokinetic Comparison of Three Amantadine Formulations <i>Poster Presenter:</i> Zhao Wang, US	10:30 - 10:30
P_128	Predictability of GOOD ON time during the waking day with amantadine extended-release capsules: A post-hoc analysis of pooled pivotal trials <i>Poster Presenter:</i> Robert Hauser, US	10:30 - 10:30
P_130	L-dopa with entacapone as a rescue therapy after a failed attempt to start Duodopa - a case report <i>Poster Presenter:</i> Milena Switonska, PL	10:30 - 10:30
P_132	Real-World Utilization of Istradefylline Among Patients with	10:30 - 10:30

Parkinson's Disease		
<i>Poster Presenter: Joyce Qian, US</i>		
P_133	Apomorphine hydrochloride injection (Apokyn®) treatment initiations in the presence and absence of an antiemetic in people with Parkinson disease	10:30 - 10:30
<i>Poster Presenter: Andrea Formella, US</i>		
P_134	Non-invasive Transcutaneous Afferent Patterned Stimulation Therapy Offers Action Tremor Relief in Parkinson's Disease	10:30 - 10:30
<i>Poster Presenter: Stuart Isaacson, US</i>		
P_135	Optimizing Augmented Reality Cueing Strategies for Freezing of Gait in Parkinson Disease: The ELIMINATE FoG Study	10:30 - 10:30
<i>Poster Presenter: Brendan Baugher, US</i>		
P_136	Quality of life with continuous subcutaneous levodopa/carbidopa infusion: Exploratory findings from the ND0612 BeyoND study	10:30 - 10:30
<i>Poster Presenter: Stuart Isaacson, US</i>		
P_137	Impact of the highly selective D1/D5 partial dopamine agonist tavapadon on daytime sleepiness: evidence from a phase 2 clinical trial	10:30 - 10:30
<i>Poster Presenter: Cari Combs, US</i>		
P_138	Continuous, Subcutaneous Apomorphine Infusion for Persistent Motor Fluctuations in Parkinson's Disease: Full results of the AP2-3000 open-label study	10:30 - 10:30
<i>Poster Presenter: Stuart Isaacson, US</i>		
P_139	The complexity of Parkinson disease medication regimens may factor into treatment decisions: Results of a PMD Alliance survey	10:30 - 10:30
<i>Poster Presenter: Nikkilina Crouse, US</i>		
P_140	A blind computerized analysis. Effect of subthalamic deep brain stimulation on posture in Parkinson Disease	10:30 - 10:30
<i>Poster Presenter: Feruzjon Rakhimov, UZ</i>		
Parkinson Disease: Other topics		10:30 - 10:30
P_141	The importance of drug therapy and deep brain stimulation (DBS) in the treatment of Parkinson's disease	10:30 - 10:30
<i>Poster Presenter: Dilyora Khakimova, UZ</i>		
P_142	Parkinson disease psychosis: A case report	10:30 - 10:30
<i>Poster Presenter: Saoussen Zmantar, TN</i>		
P_144	Psycho-emotional disorders in Parkinson's disease	10:30 - 10:30
<i>Poster Presenter: Dilyora Khakimova, UZ</i>		
P_145	Kampavata AKA Parkinson's disease in Ayurveda, it's etiology and therapy	10:30 - 10:30
<i>Poster Presenter: sachin rajpoot, IN</i>		
P_148	Novel characteristics of the temporal transition to	10:30 - 10:30

	maximum tongue pressure in Parkinson's disease: A pilot study	
	<i>Poster Presenter:</i> Sachi Hayasaka, JP	
P_152	Risk disclosure in prodromal Parkinson's disease - A survey of neurologists	10:30 - 10:30
	<i>Poster Presenter:</i> Gorkem Kayis, TR	
P_153	The diagnosis value of dopaminergic responsiveness of Parkinson's disease – a systematic review and meta-analysis	10:30 - 10:30
	<i>Poster Presenter:</i> Huihui Cai,	
P_154	Pharmacokinetic differences of caffeine between lrrk2 g2019s knock-in and wild-type mice	10:30 - 10:30
	<i>Poster Presenter:</i> Samuel Ayer, US	
P_156	The prevalence of Restless legs syndrome in Parkinson's disease in Colombia	10:30 - 10:30
	<i>Poster Presenter:</i> Juan Diego Vargas Jaramillo, CO	
P_159	Investigating Factors Contributing to Clinical Trial Recruitment in Parkinson's Disease within the Black Community	10:30 - 10:30
	<i>Poster Presenter:</i> Jennifer Adrissi, US	
P_162	Social and gender inequity on overall survival and access to deep brain stimulation in Parkinson disease patients in Colombia	10:30 - 10:30
	<i>Poster Presenter:</i> Camila Pantoja-Ruiz, CO	
P_166	Relationship between visuo-motor Stroop stepping task reaction time and regional cholinergic denervation in Parkinson Disease	10:30 - 10:30
	<i>Poster Presenter:</i> Jacqueline Caswell, US	
P_167	Effect of amyloid on cognitive performance in Parkinson's disease and dementia with Lewy bodies	10:30 - 10:30
	<i>Poster Presenter:</i> Phil Hyu Lee, KR	
	Other Parkinsonian Disorders	10:30 - 10:30
P_169	Hydrocephalus Associated With Chiari-I Malformation Presenting with Parkinsonism And Dystonia	10:30 - 10:30
	<i>Poster Presenter:</i> ANKUSH MAHESHWARY, US	
P_170	Comparative analysis of the occurrence of nonmotor disorders in Parkinson's disease and vascular parkinsonism	10:30 - 10:30
	<i>Poster Presenter:</i> Rasulberdi Juraev, UZ	
P_171	Exposure to Lambda-cyhalothrin induces motor dysfunctions and impairs striatal REDOX homeostasis and β-arrestin-dependent Akt signaling in adult Wistar rats	10:30 - 10:30
	<i>Poster Presenter:</i> Anima Kumari, IN	
P_172	Failure to predict outcomes of ventriculoperitoneal shunting in normal pressure hydrocephalus patients using multi-variable logistic regression models	10:30 - 10:30
	<i>Poster Presenter:</i> Avery Kundrick, US	
P_173	External lumbar drain trial walk tests as predictors of	10:30 - 10:30

	ambulatory Clinical Global Impression rating after ventriculoperitoneal shunting in NPH	
	<i>Poster Presenter:</i> Brendan Baugher, US	
P_174	Topography of differential cholinergic vulnerability in Parkinson's Disease and atypical parkinsonisms: A [¹⁸F]-FEOBV PET study	10:30 - 10:30
	<i>Poster Presenter:</i> Prabesh Kanel, US	
P_176	Parkinsonism secondary to mercury poisoning in a Colombian population.	10:30 - 10:30
	<i>Poster Presenter:</i> Juan Diego Vargas Jaramillo, CO	
P_180	Striatal encephalitis: a cause of rapid onset parkinsonism	10:30 - 10:30
	<i>Poster Presenter:</i> Allie Toth, US	
P_184	Automatic stridor detection using small training set via patch-wise few-shot learning for diagnosis of multiple system atrophy	10:30 - 10:30
	<i>Poster Presenter:</i> Jongmok Ha, KR	
P_185	Diagnostic utility of movement disorder society criteria for multiple system atrophy	10:30 - 10:30
	<i>Poster Presenter:</i> Lingyu Zhang, CN	
P_186	Idiopathic normal pressure hydrocephalus features on MRI in patients with pathologically confirmed progressive supranuclear palsy	10:30 - 10:30
	<i>Poster Presenter:</i> Miki Kawazoe, US	
	Dystonia	10:30 - 10:30
P_188	Initial experience in Bolivia with HU-014 (a non-FDA-approved botulinum toxin A) for Movement Disorders.	10:30 - 10:30
	<i>Poster Presenter:</i> Martha Rosario Jauregui Villar, BO	
P_189	Hemidystonia-hemiatrophy syndrome: first case report in Bolivia	10:30 - 10:30
	<i>Poster Presenter:</i> Sergio Silva, BO	
P_190	A Novel THAP1 Variant Presenting with Early Onset Generalized Dystonia	10:30 - 10:30
	<i>Poster Presenter:</i> Audrey Marie Dellert, US	
P_191	CACNA1A variant can be associated with generalized dystonia	10:30 - 10:30
	<i>Poster Presenter:</i> DOMIZIANA RINALDI, IT	
P_192	Distal lower extremity task specific dystonia symptoms in runners	10:30 - 10:30
	<i>Poster Presenter:</i> maria Moreno-Escobar, US	
P_193	Oromandibular dystonia as a cause of temporomandibular joint degeneration: case report	10:30 - 10:30
	<i>Poster Presenter:</i> Carolina Anunciação, BR	
P_195	Oculogyric crisis as a result of dopamine blocking agent withdrawal	10:30 - 10:30
	<i>Poster Presenter:</i> Leila Saadatpour, US	

P_196	Benefit of multiple incobotulinumtoxinA injections for pain reduction in adults with cervical dystonia: an analysis of pooled data <i>Poster Presenter:</i> Alberto Albanese, IT	10:30 - 10:30
P_197	Pain reduction in adults with cervical dystonia following a single injection of incobotulinumtoxinA: a pooled analysis <i>Poster Presenter:</i> Alberto Albanese, IT	10:30 - 10:30
	Chorea, Athetosis, Ballism, Tics	10:30 - 10:30
P_198	Extrapyramidal and movement disorder, unspecified <i>Poster Presenter:</i> Umidakhon Abdullazizova, UZ	10:30 - 10:30
P_200	Post-pump hemichorea in an adult: a case report <i>Poster Presenter:</i> Ryan Lee, US	10:30 - 10:30
P_202	Late-onset chorea-dystonia related to a novel ADCY5 variant <i>Poster Presenter:</i> Ximena Pizarro, CL	10:30 - 10:30
P_203	A paradoxical phenomenon: Hemichorea-hemiballismus resolution after stroke in Moya-moya disease <i>Poster Presenter:</i> Chia Yin Por, MY	10:30 - 10:30
P_206	Crushing valbenazine capsule contents for potential addition to soft foods or administration via G-tube <i>Poster Presenter:</i> Sean Hinton, US	10:30 - 10:30
P_207	A paradoxical phenomenon: Hemichorea-hemiballismus resolution after stroke in Moya-moya disease <i>Poster Presenter:</i> Chia Yin Por, MY	10:30 - 10:30
P_209	Indirect Treatment Comparison of Valbenazine with Deutetrabenazine for Improvement in Total Maximal Chorea Score in Huntington Disease <i>Poster Presenter:</i> Raja Mehanna, US	10:30 - 10:30
P_210	Once-Weekly Robotic-Assisted Gait Training Preserves Walking Function in Hereditary Spastic Paraplegia: A Case Report <i>Poster Presenter:</i> Robert Hand, US	10:30 - 10:30
	Ataxias, hereditary spastic paraparesis	10:30 - 10:30
P_211	Short-term efficacy of repetitive transcranial magnetic stimulation in SCA3: A prospective, randomized, double-blind, sham-controlled study <i>Poster Presenter:</i> Hao-Ling Xu, CN	10:30 - 10:30
P_213	A long-term effect of miglustat on Niemann-Pick type C: An 8-years follow-up of dystonia and ataxia <i>Poster Presenter:</i> Jae Woo Kim, KR	10:30 - 10:30
P_215	Correlation of age onset and Mitochondrial DNA haplogroup in Indian Spinocerebellar ataxia type 2 (SCA2) patients <i>Poster Presenter:</i> Akhilesh Kumar Sonakar, IN	10:30 - 10:30
	Tremors, Myoclonus	10:30 - 10:30

P_216	A genetic pearl for counseling patients with SGCE positive myoclonus-dystonia <i>Poster Presenter:</i> Alissa Higinbotham, US	10:30 - 10:30
P_217	The Cameraperson Sign in the Diagnosis of Functional Tremor <i>Poster Presenter:</i> Ekhlas Assaedi, US	10:30 - 10:30
P_219	Essential1: Results from a Phase 2 trial evaluating the tolerability, safety, and efficacy of ulixacaltamide in adults with essential tremor <i>Poster Presenter:</i> Richard Able, US	10:30 - 10:30
P_220	Atypical midbrain head tremor presenting as like Bobble-head doll syndrome after successful brain surgery of hemorrhagic cavernous hemangioma. <i>Poster Presenter:</i> Won Tae Yoon, KR	10:30 - 10:30
P_221	Accelerometric quantification of FTM tremor measurements in ET patients: a pilot study <i>Poster Presenter:</i> Annemarie Smid, NL	10:30 - 10:30
P_222	Burden of Essential Tremor: Associated Morbidities, Healthcare Resource Utilization and Costs in Commercially Insured Patients on Drug Therapy <i>Poster Presenter:</i> Liana Hennum, US	10:30 - 10:30
P_223	A phase 2b, randomized, dose-response study of SAGE-324/BIIB124 for the treatment of essential tremor: KINETIC 2 trial in progress <i>Poster Presenter:</i> TinaMarie Lieu, US	10:30 - 10:30
P_225	Clinical effectiveness of transcutaneous afferent patterned stimulation therapy for essential tremor in a real-world setting: a randomized pragmatic trial <i>Poster Presenter:</i> Liana Hennum, US	10:30 - 10:30
P_226	Reduced cerebellar volume and preserved white-matter integrity in Essential Tremor: a UK Biobank nested case-control study <i>Poster Presenter:</i> Xenos Mason, US	10:30 - 10:30
	Gait Disturbances and Other Movement Disorders	10:30 - 10:30
P_228	The spectrum of phenomenology in painful leg and moving toes syndrome (PLMT): a way towards creating diagnostic criteria <i>Poster Presenter:</i> Evan Gray, US	10:30 - 10:30
P_230	Restless limb syndrome and insomnia: co-morbidities in rural Indian migraine patients <i>Poster Presenter:</i> Devangi Desai, IN	10:30 - 10:30
P_231	Anticholinergics should not be used to treat tardive dyskinesia: insights from an expert panel of psychiatry and neurology healthcare professionals <i>Poster Presenter:</i> Eric Jen, US	10:30 - 10:30
P_232	Relationship between frontal lobe dysfunction and fear of falling in people with Parkinson's disease	10:30 - 10:30

	<i>Poster Presenter:</i> yoshiki yamaguchi, JP	
P_233	A follow-up study of Diffusion Tensor Imaging after ventricular shunt in a patient with Idiopathic Normal Pressure Hydrocephalus <i>Poster Presenter:</i> Xiaoqin Yuan, CN	10:30 - 10:30
P_234	Prevalence and Impact of Restless Legs Syndrome in patients with stroke in a rural medical teaching hospital in India <i>Poster Presenter:</i> Soaham Desai, IN	10:30 - 10:30
P_235	Does the Preoperative iNPH Radscale Predict Clinical Outcomes Post-Ventriculoperitoneal Shunt Placement (VPS) in Patients with Normal Pressure Hydrocephalus (NPH)? <i>Poster Presenter:</i> Debolina Ghosh, US	10:30 - 10:30
P_236	Expanding the phenotypic spectrum of CSF1R variant carriers <i>Poster Presenter:</i> Julia Nowak, US	10:30 - 10:30
P_240	Subcortical, Limbic, and Neocortical Dopaminergic Innervation Determines Response to Levodopa in Older Adults with slow walking and Minimal Parkinsonian Signs <i>Poster Presenter:</i> Rebecca Paalanen, US	10:30 - 10:30
P_241	The Clinician's Tardive Inventory (CTI): an integrated phenomenological and functional measure of Tardive Dyskinesia <i>Poster Presenter:</i> Richard Trosch, US	10:30 - 10:30
P_243	Sustained treatment response with long-term valbenazine in patients with tardive dyskinesia <i>Poster Presenter:</i> Celia Zinger-Salmun, US	10:30 - 10:30
P_244	Gait during turning associates with imbalance and falls in PD: 3D Video based analysis from a single camera <i>Poster Presenter:</i> Ho Young Jeon, KP	10:30 - 10:30
	Rehabilitation, Nursing/Physiotherapy, Other Allied Health; Patient Participation	10:30 - 10:30
P_245	Outcome measurement and goal-setting recommendations in the multipattern treatment of shoulder spasticity with Botulinum Neurotoxin <i>Poster Presenter:</i> Joerg Wissel, DE <i>Poster Presenter:</i> Jorge Jacinto, PT	10:30 - 10:30
P_246	Feasibility of Parkinson's disease treatment utilizing therapy dog with American Kennel Club Canine Certified Therapy Dog <i>Poster Presenter:</i> Ashley Durbin, US	10:30 - 10:30
P_247	Maintaining and improving individual gains made in physical therapy (PT) by using a dynamic standing protocol post-physical therapy sessions <i>Poster Presenter:</i> Miriam van Emde Boas, US	10:30 - 10:30
P_250	Functional Outcomes of an Intensive Multimodal Rehabilitation Intervention for Moderately Advanced Parkinson's Disease	10:30 - 10:30

	<i>Poster Presenter:</i> Priyanka Moondra, US	
P_251	Virtual Reality Table Tennis in People with Parkinson Disease <i>Poster Presenter:</i> Shinsuke Fujioka, JP	10:30 - 10:30
<i>Break</i> 12:00 - 14:00 Lunch Break		EXH
<i>Corporate Lunch Session</i> 12:15 - 13:45 Corporate Lunch Session: Abbott		W196
	DBS Hands-on Training: Harnessing the Power of Remote Programming	12:15 - 12:15
	The Power of Remote Programming in Deep Brain Stimulation Patients <i>Speaker:</i> Leo Verhagen, US	12:15 - 12:50
	Hands-on Training for Deep Brain Stimulation Programming <i>Speaker:</i> Xenos Mason, US	12:50 - 13:25
	Q&A	13:25 - 13:45
<i>Corporate Lunch Session</i> 12:15 - 13:45 Corporate Lunch Session: Merz Therapeutics		W194b
	Understanding Adult Chronic Sialorrhea: the impact on patients & using ultrasound guidance with Incobotulinumtoxin-A injection treatment <i>Speaker:</i> Stuart Isaacson, US <i>Speaker:</i> Fernando Pagan, US <i>Speaker:</i> Daniel Kremens, US	12:15 - 12:15
<i>Corporate Lunch Session</i> 12:15 - 13:45 Corporate Lunch Session: AbbVie		W192b
	Challenges in Recognizing the Hidden Burden of Advancing PD and What Can Be Done	12:15 - 12:15
	Welcome and Objectives <i>Speaker:</i> Joohi Jimenez-Shahed, US	12:15 - 12:20
	PD: How our understanding of etiology may inform treatment decisions <i>Speaker:</i> Joohi Jimenez-Shahed, US	12:20 - 12:30
	PD from Patient and Caregiver Perspectives <i>Speaker:</i> Joohi Jimenez-Shahed, US	12:30 - 12:40
	Treatment considerations as PD advances	12:40 - 12:50

	<i>Speaker:</i> Joohi Jimenez-Shahed, US	
	Early identification of advancing PD	12:50 - 13:05
	<i>Speaker:</i> Joohi Jimenez-Shahed, US	
	Q&A	13:05 - 13:15
<i>Plenary Session</i>		
14:00 - 16:00		W196
Plenary Session 6: Grand Parade of Movement Disorders Video Session		
<i>Moderator:</i> Mark Hallett, US		
<i>Chair:</i> Bettina Balint, CH		
<i>Chair:</i> Kailash Bhatia, GB		
<i>Chair:</i> Ruth Walker, US		
	Faculty Panel	14:00 - 14:40
GP_1	Video Case 1	14:40 - 14:50
	<i>Oral Presenter:</i> Oday Halhouli, US	
GP_2	Video Case 2	14:50 - 15:00
	<i>Oral Presenter:</i> Arunmozhimaran Elavarasi, IN	
GP_3	Video Case 3	15:00 - 15:10
	<i>Speaker:</i> Lim Thien Thien, MY	
	<i>Speaker:</i> Loh Ee Chin, MY	
GP_4	Video Case 4	15:10 - 15:20
	<i>Oral Presenter:</i> Ashley Durbin, US	
GP_5	Video Case 5	15:20 - 15:30
	<i>Oral Presenter:</i> Soaham Desai, IN	
GP_6	Video Case 6	15:30 - 15:40
	<i>Oral Presenter:</i> ROSS ELIZABETH CORTES, PH	
GP_7	Video Case 7	15:40 - 15:50
	<i>Oral Presenter:</i> Kruzette Khloe Solijon, Sheina Magtuba, Gerard Saranza, Noel Belonguel Kruzette Khloe Solijon, Sheina Magtuba, Gerard Saranza, Noel Belonguel, PH	
GP_8	Video Case 8	15:50 - 16:00
	<i>Oral Presenter:</i> Surabhi Dharmadhikari, US	
<i>Break</i>		
16:00 - 16:15		EXH
Break		
<i>Parallel Session</i>		
16:15 - 17:45		W196
Parallel Session 10 (Clinical Practice Track): Neurotoxins		
<i>Chair:</i> Jaroslaw Slawek, PL		
<i>Chair:</i> Dirk Dressler, DE		
	Parallel 10a: Update on available botulinum neurotoxins	16:15 - 16:45
	<i>Speaker:</i> Dirk Dressler, DE	
	Parallel 10b: Novel and controversial indications for botulinum neurotoxins	16:45 - 17:15

Speaker: Raymond Rosales, PH

Parallel 10c: Immuno-resistance to botulinum toxin: is it important? 17:15 - 17:45

Speaker: Hyder Jinnah, US

Parallel Session

16:15 - 17:45

W194b

Parallel Session 11 (Education Track): Skills Workshop in Deep Brain Stimulation

Chair: Daniel Martinez-Ramirez, MX

Chair: Zoltan Mari, US

Parallel 11a: Current hardware and adaptive stimulation 16:15 - 16:45

Speaker: Zoltan Mari, US

Parallel 11b: New programming algorithms and teleprogramming 16:45 - 17:15

Speaker: Raja Mehanna, US

Parallel 11c: Non-PD and ET indications in movement disorders 17:15 - 17:45

Speaker: Philippe Salles-Gándara, CL

Parallel Session

16:15 - 17:45

W192b

Parallel Session 12 (Clinical Practice Track): Drug-Related Movement Disorders

Chair: Karen Frei, US

Chair: Joseph Friedman, US

Parallel 12a: Acute syndromes 16:15 - 16:45

Speaker: Joseph Friedman, US

Parallel 12b: Tardive syndromes 16:45 - 17:15

Speaker: Karen Frei, US

Parallel 12c: Drug-induced parkinsonisms 17:15 - 17:45

Speaker: Daniel Kremens, US

Tuesday, 16. May 2023*Plenary Session*

08:00 - 09:00

W196

Plenary Session 7: The Current Symptomatic Treatment of Parkinson Disease: Lessons from the Latest Guidelines and Recommendations*Chair:* Robert Hauser, US*Chair:* Teus van Laar, NL**Plenary 7a: Guidelines from the American Academy of Neurology**

08:00 - 08:30

Speaker: Janis Miyasaki, CA**Plenary 7b: Guidelines from the European Academy of Neurology / International Movement Disorder Society - European section**

08:30 - 09:00

Speaker: Angelo Antonini, IT*Special Plenary*

09:00 - 10:30

W196

Special Plenary: Celebration of 30 Years of Deep Brain Stimulation*Chair:* Elena Moro, FR*Chair:* Leo Verhagen, US**Special Plenary a: History of deep brain stimulation**

09:00 - 09:20

Speaker: Elena Moro, FR**Special Plenary b: Deep brain stimulation in the present**

09:20 - 09:40

Speaker: Joohi Jimenez-Shahed, US**DBS 30-Year Celebration Break**

09:40 - 10:10

Special Plenary c: Future of deep brain stimulation

10:10 - 10:30

Speaker: Ioannis Isaïas, DE*Plenary Session*

10:30 - 11:30

W196

Plenary Session 8: Device Interventions in the Treatment of Movement Disorders*Chair:* Diego Torres-Russotto, US*Chair:* Ioannis Isaïas, DE**Plenary 8a: Infusion therapies**

10:30 - 11:00

Speaker: Teus van Laar, NL**Plenary 8b: Ultrasound**

11:00 - 11:30

Speaker: Leo Verhagen, US*Official Congress Sessions*

11:30 - 12:10

W196

Best and Most Downloaded Papers in Parkinsonism and Related Disorders and Clinical Parkinsonism and Related Disorders Journals*Chair:* Hubert Fernandez, US*Chair:* Huifang Shang, CN**PRD Journal**

11:30 - 11:50

Speaker: Deborah Hall, US

CPRD Journal

11:50 - 12:10

Speaker: Marie Helene Saint-Hilaire, US

Official Congress Sessions

12:10 - 12:40

W196

IAPRD 2023 Congress Awards and Closing Ceremony

Chair: Ron Pfeiffer, US