

Scientific Program

Wednesday, 7 May 2025			
18:00-19:00	Welcome Reception and Networking Exhibit and Poster Hall Open		
Thursday, 8 May 2025			
08:00-09:00	Congress Welcome and Invited Award Lectures • Welcome from IAPRD President and Congress Leaders • IAPRD Lifetime Achievement Award Lecture: Human Mid Brain Organoids in Parkinson's disease: advances and limitations <i>Eng-King Tan (Singapore)</i> • IAPRD Melvin Yahr Award Lecture: Breaking Barriers: Using Technology to Increase Access to Parkinson's Research <i>Caroline Tanner (San Francisco, USA)</i>		
09:00-10:30	General Session 1: Pathophysiology of Parkinson's and Related Disorders Chair: Serge Przedborski (New York, USA) Chair: Ryan Uitti (Jacksonville, USA)	Workshop 1: PRD Essentials – A Practical Approach to Diagnosing and Treating Parkinson's Disease and Related Disorders Part I: Hypokinetic Disorders Chair: Susan Bressman (New York, USA) Chair: Vicki Shanker (New York, USA)	
09:00-09:30	1a: Synuclein-based biomarkers: what they do and do not tell us <i>Andrew Siderowf (Philadelphia, USA)</i>	1a: Diagnosis and diagnostic testing in Parkinson's disease <i>Vicki Shanker (New York, USA)</i>	
09:30-10:00	1b: Are we forgetting tau as a biomarker? <i>Giorgia Melli (Lugano, Switzerland)</i>	1b: PD treatment spectrum—from de novo to advanced <i>Matt Swan (New York, USA)</i>	
10:00-10:30	1c: Making sense of biomarkers and co-pathology <i>Glenda Halliday (Sydney, Australia)</i>	1c: Diagnostic and treatment pearls in atypical parkinsonism <i>Stephen Reich (Baltimore, USA)</i>	
10:30-11:00	Coffee Break (Exhibit and Poster Hall open)		
11:00-12:30	Parallel Session 1: From Genetics to Targeted Therapy Chair: Andreas Puschmann (Lund, Sweden) Chair: Luca Marsili (Cincinnati, USA)	Parallel Session 2: Botulinum Neurotoxin Opportunities and Techniques Chair: Mark Lew (Los Angeles, USA) Chair: Steven Frucht (New York, USA)	Workshop 1: continued Part II: Hyperkinetic Disorders Chair: Alessandro Di Rocco (New York, USA) Chair: Joohi Jimenez-Shahed (New York, USA)
11:00-11:30	1a: Genetic testing and targeted therapies in Parkinsonism <i>Roy Alcalay (New York, USA; Tel Aviv, Israel)</i>	2a: Choosing specific botulinum toxins for selected indications <i>Barbara Karp (Bethesda, USA)</i>	1d: Common pediatric movement disorders and the continuum to adulthood <i>Emmanuel Roze (Paris, France)</i>
11:30-12:00	1b: Genetic testing for ataxia <i>Mario Cornejo Olivares (Lima, Peru)</i>	2b: Botulinum toxin use in Parkinson's disease <i>Anna Castagna (Milan, Italy)</i>	1e: Dystonia classification, genetics, and treatment implications <i>Rachel Saunders-Pullman (New York, USA)</i>
12:00-12:30	1c: Testing and care for Friedreich ataxia <i>Sylvia Boesch (Innsbruck, Austria)</i>	2c: Botulinum neurotoxin use in task-specific dystonia <i>Steven Frucht (New York, USA)</i>	1f: Phenomenology and treatment of hyperkinetic disorders <i>Andres Deik (Philadelphia, USA)</i>
12:30-14:30	Lunch Break (Exhibit and Poster Hall open)		
14:30-16:00	Parallel Session 3: It Takes a Village: Comprehensive Approach to Caring for Parkinson's Chair: Ryan Uitti (Jacksonville, USA) Chair: Maja Trošt (Ljubljana, Slovenia)	Parallel Session 4: Paroxysmal and Episodic Movement Disorders Chair: Daniel Truong (Fountain Valley, USA) Chair: Pramod Pal (Bangalore, India)	Workshop 2: Deep Brain Stimulation Skills
14:30-15:00	3a: Multidisciplinary team care <i>Anhar Hassan (Dublin, Ireland)</i>	4a: Neurophysiological and genetic evaluation <i>Roberto Erro (Salerno, Italy)</i>	14:30-15:25 Part 1: Case-based selection and targeting Chair: Sol de Jesus (Hershey, USA)
15:00-15:30	3b: Rehabilitation <i>Theresa Ellis (Boston, USA)</i>	4b: Autoimmune underpinnings <i>Bettina Balint (Zurich, Switzerland)</i>	14:30-14:50 2a: DBS in Parkinson's disease / essential tremor <i>Okeanis Vaou (San Antonio, USA)</i>
15:30-16:00	3c: Palliative care and improving quality of life <i>Anette Schrag (London, UK)</i>	4c: Treatment options <i>Hyder Jinnah (Atlanta, USA)</i>	14:50-15:10 2b: DBS in dystonia and other conditions <i>Rubens Cury (Sao Paulo, Brazil)</i>
16:00-17:00	Coffee Break (Exhibit and Poster Hall open)		15:10-15:25 Questions / panel
16:00-17:00	Guided Poster Tours		15:25-15:40 Break
17:00-18:30	General Session 2: Driving Scientific Discovery With Bioinformatics, AI and Innovation Chair: Andreas Puschmann (Lund, Sweden) Chair: Ryan Uitti (Jacksonville, USA)		15:40-16:55 Part 2: Case-based programming Chair: Michael Pourfar (New York, USA)
17:00-17:30	2a: Big data and the bioinformatics revolution in diagnostics and beyond <i>Michael Zech (Munich, Germany)</i>		15:40-16:00 2c: Programming principles, patient assessment and remote programming <i>Leo Verhagen (Chicago, USA)</i>
17:30-18:00	2b: Artificial intelligence and clinical discovery: predictive AI, modeling, clinical decision support and personalized medicine <i>Maria Chiara Malaguti (Trento, Italy)</i>		16:00-16:20 2d: Neurophysiology guided DBS programming <i>Maria Contarino (Leiden, Netherlands)</i>
18:00-18:30	2c: PD metabolomics as an illustration of the need for and potential of AI <i>Michael Schwarzschild (Boston, USA)</i>		16:20-16:40 2e: Image-guided DBS programming <i>Jens Volkmann (Würzburg, Germany)</i>
18:45-22:00	Faculty & Fellows Dinner		16:40-16:55 Questions / panel
			17:00-18:30 Device Rotations: Hands-on session <i>Monica Volz (San Francisco, USA)</i> <i>Drew Kern (Aurora, USA)</i> <i>Michael Pourfar (New York, USA)</i> <i>Mitesh Lotia (Orlando, USA)</i> <i>Britt Stone (Nashville, USA)</i> <i>Sarah O'Shea (New York, USA)</i>
Friday, 9 May 2025			
08:00-09:00	Exhibit and Poster Hall Open	IAPRD General Business Meeting	
08:00-09:00	Guided Poster Tours		
09:00-10:30	General Session 3: Novel and Translational Therapeutics for Parkinson's and Related Disorders Chair: Shinsuke Fujioka (Fukuoka, Japan) Chair: Elena Moro (Grenoble, France)		
09:00-09:30	3a: Novel cell therapies <i>Ryosuke Takahashi (Kyoto, Japan)</i>		
09:30-10:00	3b: Therapeutic strategies based on inflammation/immunotherapy <i>Malú Gámez Tansey (Gainesville, USA)</i>		
10:00-10:30	3c: Antidiabetic and other potential neurorestorative agents <i>Jingchuan Guo (Gainesville, USA)</i>		
10:30-11:00	Coffee Break		
11:00-12:30	Parallel Session 5: Update on Neuromodulation for Hypo- and Hyperkinetic Disorders Chair: Alfonso Fasano (Toronto, Canada) Chair: Elena Moro (Grenoble, France)	Parallel Session 6: Defining and Treating Atypical Parkinsonism Chair: Lawrence Honig (New York, USA) Chair: Emelia Gatto (Buenos Aires, Argentina)	Workshop 3: Botulinum Toxin Injection Workshop Chair: Alberto Albanese (Milan, Italy) Chair: David Simpson (New York, USA)
11:00-11:30	5a: MR- guided focused ultrasound <i>Gordon Baltuch (New York, USA)</i>	6a: Differentiating PSP, MSA, and corticobasal syndrome <i>Ai-Huey Tan (Kuala Lumpur, Malaysia)</i>	3a: Clinical utility of botulinum neurotoxins <i>Alberto Albanese (Milan, Italy)</i>
11:30-12:00	5b: Deep brain stimulation <i>Alexandra Boogers (Leuven, Belgium)</i>	6b: Therapeutic approaches <i>Huw Morris (London, UK)</i>	3b: Techniques for muscle localization <i>Katharine Alter (Bethesda, USA)</i>
12:00-12:30	5c: Neuromodulatory neurostimulation (TMS, tDCS, TAS, TUS, TI) <i>Robert Chen (Toronto, Canada)</i>	6c: Debate: Is neuropathology the gold standard for diagnosis? No: <i>Paola Sandroni (Rochester, USA)</i> Yes: <i>Glenda Halliday (Sydney, Australia)</i>	3c: Injection demonstration video cases <i>Jaroslav Slawek (Gdansk, Poland)</i> <i>David Simpson (New York, USA)</i>
12:30-14:30	Lunch Break (Exhibit and Poster Hall Open)		
14:30-16:00	Parallel Session 7: Management of Advanced Parkinson's Chair: Zoltan Mari (Las Vegas, USA) Chair: Jinyoung Youn (Seoul, Korea)	Parallel Session 8: Management of the Hyperkinetic Movement Disorders Chair: Karen Frei (Loma Linda, USA) Chair: Anhar Hassan (Dublin, Ireland)	Workshop 4: Diagnostic Testing for Parkinson's Disease and Parkinsonism Chair: Marie Saint-Hilaire (Boston, USA) Chair: Roy Alcalay (New York, USA; Tel Aviv, Israel)
14:30-15:00	7a: Defining advanced PD and treatment needs <i>Indu Subramanian (Los Angeles, USA)</i>	8a: Tardive syndromes <i>Roongroj Bhidayasiri (Bangkok, Thailand)</i>	4a: Utility and interpretation of skin biopsy testing for alpha-synuclein <i>Pravin Khemani (Seattle, USA)</i>
15:00-15:30	7b: Cognitive and psychiatric issues <i>Daniel Weintraub (Philadelphia, USA)</i>	8b: Huntington disease <i>Sarah Tabrizi (London, UK)</i>	4b: Differential diagnosis with CSF diagnosis markers <i>David Coughlin (San Diego, USA)</i>
15:30-16:00	7c: Motor fluctuations <i>Rajesh Pahwa (Kansas City, USA)</i>	8c: Myoclonus and Tics <i>Christos Ganos (Toronto, Canada)</i>	4c: Current and emerging imaging markers and techniques <i>Marina Picillo (Salerno, Italy)</i>
16:00-17:00	Coffee Break (Exhibit and Poster Hall open)		4d: Neurophysiology <i>John Caviness (Phoenix, USA)</i>
16:00-17:00	Guided Poster Tours		
17:00-18:30	General Session 4: Innovative Advances in Neuromodulation Chair: Joohi Jimenez-Shahed (New York, USA) Chair: Rubens Cury (Sao Paulo, Brazil)		
17:00-17:30	4a: Closing the loop in DBS <i>Helen Bronte-Stewart (Stanford, USA)</i>		
17:30-18:00	4b: Connecting the dots: connectomic DBS <i>Andreas Horn (Boston, USA)</i>		
18:00-18:30	4c: Are we ready for automated DBS programming? <i>Svetlana Miocinovic (Atlanta, USA)</i>		
Saturday, 10 May 2025			
07:45-08:15	Morning Coffee		
08:00-09:00	Guided Poster Tours		
09:15-11:15	General Session 5: The Grand Video Challenge of Movement Disorders Session Moderator/Master of Ceremonies: Hubert Fernandez (Cleveland, USA) Discussant: Michael Zech (Munich, Germany) Discussant: Ruth Walker (New York, USA) Discussant: Pramod Pal (Bangalore, India) Discussant: Bettina Balint (Zurich, Switzerland) Discussant: Ai-Huey Tan (Kuala Lumpur, Malaysia) Discussant: Abhimanyu Mahajan (Cincinnati, USA)		
11:15-11:45	Best Papers in <i>Parkinsonism and Related Disorders</i> and <i>Clinical Parkinsonism and Related Disorders</i> PRD: 11:00-11:20 CPRD: 11:20-11:30 Chair: Daniel Truong (Fountain Valley, USA) Chair: Hubert Fernandez (Cleveland, USA) Speaker: Marie Saint-Hilaire (Boston, USA) Speaker: Yaroslau Compta (Barcelona, Spain)		
11:45-12:30	IAPRD 2025 Congress Awards and Closing Ceremony		