30th WORLD CONGRESS ON PARKINSON'S DISEASE AND RELATED DISORDERS 2025 | NEW YORK CITY 7 - 10 May

INTERNATIONAL ASSOCIATION PARKINSONISM AND RELATED DISORDERS

Scientific Program

Wednesday, 7 May 2025

18:00-19:00	*Grand Ballroom – Salons E-I* **Welcome Reception and Networking** **Exhibit and Poster Hall Open**	

Thursday, 8 May 2025

08:00-09:00	*Grand Ballroom – Salons A-D* **Congress Welcome and Invited Award Lectures** **• Welcome and announcements from IAPRD President, Alberto Albanese** **• Announcement of Melvin Yahr Parkinson's Disease Clinical Research Award 2025 winner** **• IAPRD Melvin Yahr Lecture:** Breaking Barriers: Using Technology to Increase Access to Parkinson's Research *Caroline Tanner (San Francisco, USA)* **• IAPRD Lifetime Achievement Award Lecture:** Human Mid Brain Organoids in Parkinson's disease: advances and limitations *Eng-King Tan (Singapore)* **• Welcome from Congress leaders**		
09:00-10:30	*Grand Ballroom – Salons A-C* **General Session 1: Pathophysiology of Parkinson's and Related Disorders** **Chair:** *Serge Przedborski (New York, USA)* **Chair:** *Ryan Uitti (Jacksonville, USA)*		*Northside Ballroom* **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 *Andrew Siderowf (Philadelphia, USA)*		1a: Diagnosis and diagnostic testing in Parkinson's disease *Vicki Shanker (New York, USA)*
09:30-10:00	1b: Are we forgetting tau as a biomarker? *Giorgia Melli (Lugano, Switzerland)*		1b: PD treatment spectrum—from de novo to advanced *Matt Swan (New York, USA)*
10:00-10:30	1c: Making sense of biomarkers and co-pathology *Glenda Halliday (Sydney, Australia)*		1c: Diagnostic and treatment pearls in atypical parkinsonism *Stephen Reich (Baltimore, USA)*
10:30-11:00	*Grand Ballroom – Salons E-I* Coffee Break (Exhibit and Poster Hall Open)		
11:00-12:30	*Grand Ballroom – Salons A-C* **Parallel Session 1: From Genetics to Targeted Therapy** **Chair:** *Andreas Puschmann (Lund, Sweden)* **Chair:** *Luca Marsili (Cincinnati, USA)*	*Grand Ballroom – Salon D* **Parallel Session 2: Botulinum Neurotoxin Opportunities and Techniques** **Chair:** *Mark Lew (Los Angeles, USA)* **Chair:** *Steven Frucht (New York, USA)*	*Northside Ballroom* **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 *Roy Alcalay (New York, USA, Tel Aviv, Israel)*	2a: Choosing specific botulinum toxins for selected indications *Barbara Karp (Bethesda, USA)*	1d: Common pediatric movement disorders and the continuum to adulthood *Emmanuel Roze (Paris, France)*
11:30-12:00	1b: Genetic testing for ataxia *Mario Cornejo Olivas (Lima, Peru)*	2b: Botulinum toxin use in Parkinson's disease *Anna Castagna (Milan, Italy)*	1e: Dystonia classification, genetics, and treatment implications *Rachel Saunders-Pullman (New York, USA)*
12:00-12:30	1c: Testing and care for Friedreich ataxia *Sylvia Boesch (Innsbruck, Austria)*	2c: Botulinum neurotoxin use in task-specific dystonia *Steven Frucht (New York, USA)*	1f: Phenomenology and treatment of hyperkinetic disorders *Andres Deik (Philadelphia, USA)*
12:30-14:30	*Grand Ballroom – Salons E-I* Lunch Break (Exhibit and Poster Hall Open)		
14:30-16:00	*Grand Ballroom – Salons A-C* **Parallel Session 3: It Takes a Village: Comprehensive Approach to Caring for Parkinson's** **Chair:** *Ryan Uitti (Jacksonville, USA)* **Chair:** *Maja Trošt (Ljubljana, Slovenia)*	*Grand Ballroom – Salon D* **Parallel Session 4: Paroxysmal and Episodic Movement Disorders** **Chair:** *Daniel Truong (Fountain Valley, USA)* **Chair:** *Pramod Pal (Bangalore, India)*	*Northside Ballroom* **Workshop 2: Deep Brain Stimulation Skills**
14:30-15:00	3a: Multidisciplinary team care *Anhar Hassan (Dublin, Ireland)*	4a: Neurophysiological and genetic evaluation *Roberto Erro (Salerno, Italy)*	**14:30-15:30** **Part 1: Case-based selection and targeting** **Chair:** *Sol de Jesus (Hershey, USA)*
15:00-15:30	3b: Rehabilitation *Theresa Ellis (Boston, USA)*	4b: Autoimmune underpinnings *Bettina Balint (Zurich, Switzerland)*	14:30-14:55 2a: DBS in Parkinson's disease / essential tremor *Okeanis Vaou (San Antonio, USA)*
15:30-16:00	3c: Palliative care and improving quality of life *Anette Schrag (London, UK)*	4c: Treatment options *Hyder Jinnah (Atlanta, USA)*	14:55-15:20 2b: DBS in dystonia and other conditions *Svjetlana Miocinovic (Atlanta, USA)* 15:20-15:30 Questions / panel
16:00-17:00	*Grand Ballroom – Salons E-I* Coffee Break (Exhibit and Poster Hall Open)		**15:30-16:55** **Part 2: Case-based programming** **Chair:** *Michael Pourfar (New York, USA)*
16:00-17:00	*Salons GHI and GHI Foyer* Guided Poster Tours		15:30-15:55 2c: Programming principles, patient assessment and remote programming *Leo Verhagen (Chicago, USA)*
17:00-18:30	*Grand Ballroom – Salons A-D* **General Session 2: Driving Scientific Discovery With Bioinformatics, AI and Innovation** **Chair:** *Andreas Puschmann (Lund, Sweden)* **Chair:** *Ryan Uitti (Jacksonville, USA)*		15:55-16:20 2d: Neurophysiology guided DBS programming *Fiorella Contarino (Leiden, Netherlands)* 16:20-16:45 2e: Image-guided DBS programming *Jens Volkmann (Würzburg, Germany)* 16:45-16:55 Questions / panel
17:00-17:30	2a: Big data and the bioinformatics revolution in diagnostics and beyond *Michael Zech (Munich, Germany)*		17:00-18:30 *Cobble Hill, Carroll Gardens, Park Slope* Device Rotations: Hands-on session *Monica Volz (San Francisco, USA)* *Drew Kern (Aurora, USA)* *Michael Pourfar (New York, USA)* *Mitesh Lalia (Orlando, USA)* *Britt Stone (Nashville, USA)* *Sarah O'Shea (New York, USA)*
17:30-18:00	2b: Artificial intelligence and clinical discovery: predictive AI, modeling, clinical decision support and personalized medicine *Maria Chiara Malaguti (Trento, Italy)*		
18:00-18:30	2c: PD metabolomics as an illustration of the need for and potential of AI *Michael Schwarzschild (Boston, USA)*		
18:45-22:00	Faculty & Fellows Dinner		

Friday, 9 May 2025

08:00-09:00	*Grand Ballroom – Salons E-I* Exhibit and Poster Hall Open		*Grand Ballroom – Salons A-D* IAPRD General Business Meeting
08:00-09:00	*Salons GHI and GHI Foyer* Guided Poster Tours		
09:00-10:30	*Grand Ballroom – Salons A-D* **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 *Ryosuke Takahashi (Kyoto, Japan)*		
09:30-10:00	3b: Therapeutic strategies based on inflammation/immunotherapy *Malú Gámez Tansey (Gainsville, USA)*		
10:00-10:30	3c: Antidiabetic and other potential neurorestorative agents *Jingchuan Guo (Gainesville, USA)*		
10:30-11:00	*Grand Ballroom – Salons E-I* Coffee Break		
11:00-12:30	*Northside Ballroom* **Parallel Session 5: Update on Neuromodulation for Hypo- and Hyperkinetic Disorders** **Chair:** *Alfonso Fasano (Toronto, Canada)* **Chair:** *Elena Moro (Grenoble, France)*	*Grand Ballroom – Salon D* **Parallel Session 6: Defining and Treating Atypical Parkinsonism** **Chair:** *Emelia Gatto (Buenos Aires, Argentina)* **Chair:** *Ai-Huey Tan (Kuala Lumpur, Malaysia)*	*Grand Ballroom – Salons A-C* **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 *Gordon Baltuch (New York, USA)*	6a: Differentiating PSP, MSA, and corticobasal syndrome *Ai-Huey Tan (Kuala Lumpur, Malaysia)*	3a: Clinical utility of botulinum neurotoxins *Alberto Albanese (Milan, Italy)* 3b: Techniques for muscle localization *Katharine Alter (Bethesda, USA)* 3c: Injection demonstration video cases *Jaroslaw Slowek (Gdansk, Poland)* *David Simpson (New York, USA)*
11:30-12:00	5b: Deep brain stimulation *Alexandra Boogers (Leuven, Belgium)*	6b: Therapeutic approaches *Huw Morris (London, UK)*	
12:00-12:30	5c: Neuromodulatory neurostimulation (TMS, tDCS, TAS, TUS, TI) *Robert Chen (Toronto, Canada)*	6c: Debate: Is neuropathology the gold standard for diagnosis? No: *Paola Sandroni (Rochester, USA)* Yes: *Glenda Halliday (Sydney, Australia)*	
12:30-14:30	*Grand Ballroom – Salons E-I* Lunch Break (Exhibit and Poster Hall Open)		
14:30-16:00	*Northside Ballroom* **Parallel Session 7: Management of Advanced Parkinson's** **Chair:** *Zoltan Mari (Las Vegas, USA)* **Chair:** *Jimyoung Youn (Seoul, Korea)*	*Grand Ballroom – Salon D* **Parallel Session 8: Management of the Hyperkinetic Movement Disorders** **Chair:** *Karen Frei (Loma Linda, USA)* **Chair:** *Anhar Hassan (Dublin, Ireland)*	*Grand Ballroom – Salons A-D* **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 *Indu Subramanian (Los Angeles, USA)*	8a: Tardive syndromes *Roongroj Bhidayasiri (Bangkok, Thailand)*	4a: Utility and interpretation of skin biopsy testing for alpha-synuclein *Pravin Khemani (Seattle, USA)* 4b: Differential diagnosis with CSF diagnosis markers *David Coughlin (San Diego, USA)* 4c: Current and emerging imaging markers and techniques *Marina Picillo (Salerno, Italy)* 4d: Neurophysiology *John Caviness (Phoenix, USA)*
15:00-15:30	7b: Cognitive and psychiatric issues *Daniel Weintraub (Philadelphia, USA)*	8b: Huntington disease *Sarah Tabrizi (London, UK)*	
15:30-16:00	7c: Motor fluctuations *Rajesh Pahwa (Kansas City, USA)*	8c: Myoclonus and Tics *Christos Ganos (Toronto, Canada)*	
16:00-17:00	*Grand Ballroom – Salons E-I* Coffee Break (Exhibit and Poster Hall Open)		
16:00-17:00	*Salons GHI and GHI Foyer* Guided Poster Tours		
17:00-18:30	*Grand Ballroom – Salons A-D* **General Session 4: Innovative Advances in Neuromodulation** **Chair:** *Joohi Jimenez-Shahed (New York, USA)* **Chair:** *Helen Bronte-Stewart (Stanford, USA)*		
17:00-17:30	4a: Closing the loop in DBS *Helen Bronte-Stewart (Stanford, USA)*		
17:30-18:00	4b: Connecting the dots: connectomic DBS *Andreas Horn (Boston, USA)*		
18:00-18:30	4c: Are we ready for automated DBS programming? *Svjetlana Miocinovic (Atlanta, USA)*		

Saturday, 10 May 2025

07:45-08:15	*Grand Ballroom – Salons E-I* Morning Coffee
08:00-09:00	*Salons GHI and GHI Foyer* Guided Poster Tours
09:15-11:15	*Grand Ballroom – Salons A-D* **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	*Grand Ballroom – Salons A-D* Best Papers in *Parkinsonism and Related Disorders* and *Clinical Parkinsonism and Related Disorders* 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	*Grand Ballroom – Salons A-D* **IAPRD 2025 Congress Awards and Closing Ceremony**