

2018-11-23

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102

201 BCDE

201 BC

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AM

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# Pre-Congress Symposium I & II (2018/11/23 Night)

201 BCDE

## Brain Functional Connectivity in Movement Disorders

2018/11/23	Topic	Speaker
18:30-19:00	Understanding the basal ganglia-cortical circuitry from deep brain stimulation	Hagai Bergman
		Israel
19:00-19:30	Neuronal firing patterns and circuitry oscillations in parkinsonian motor control	Chun-Hwei Tai
		Taiwan

## Genetics and iPS of Movement Disorders

19:45-20:15	Genetic and clinical perspectives of young onset Parkinson's disease	Nobutaka Hattori
		Japan
20:15-20:45	Exploring the pathogenic mechanism of Parkinson's disease using induced pluripotent stem cells	Kuo-Hsuan Chang
		Taiwan

# Plenary Session I & II (2018/11/24 AM)

201 BCDE

## Current Advances in Parkinson's Disease and Movement Disorders

2018/11/24	Topic	Speaker
08:40-09:20	Electrophysiological and neuroimaging manifestations of myoclonus	Chon-Haw Tsai
		Taiwan
09:20-10:00	Peripheral tissue biomarker in Parkinson's disease	Beomseok Jeon
		Korea
10:00-10:30	Coffee Break	
10:30-11:10	Newly derived immune mediated movement disorders	Victor Fung
		Australia
11:10-11:50	Gut-brain axis hypothesis of Parkinson's disease	Heinz Reichmann
		Germany
11:50-12:30	Prion-like properties of pathological protein aggregates in neurodegenerative diseases	Takashi Nonaka
		Japan
12:30-13:30	<b>Luncheon Symposium in venue 102, or North Lounge 3F, or South Lounge 3F</b>	

# Parallel Session I & IV (2018/11/24 PM)

201 BC

## Clinical Practice in Neuroimaging

2018/11/24	Topic	Speaker
14:00-14:30	New advances of molecular imaging in parkinsonism	Yi-Hsin Weng
		Taiwan
14:30-15:00	<sup>123</sup> I-meta-iodobenzylguanidine (MIBG) cardiac scintigraphy in $\alpha$ -synucleinopathies	Satoshi Orimo
		Japan
15:00-15:30	Resting state fMRI activities in patients with dystonia and movement disorders	Ching-Po Lin
		Taiwan

## New Gene, New Field, New Insight of Movement Disorders

16:00-16:30	Altered gut microbiome and metabolome in patients with Parkinson's disease and multiple system atrophy	Tan Ai Huey
		Malaysia
16:30-17:00	Huntington disease: mechanisms and recent highlights in GABAergic dysfunction	Yijuang Chern
		Taiwan
17:00-17:30	TDP 43 aggregation and therapeutic development in neurodegenerative disorders	Yun-Ru Chen
		Taiwan
18:00-21:30	<b>Gala Dinner and Video Challenges in 4F VIP Banquet Hall</b>	All Participants

# Parallel Session II & V (2018/11/24 PM)

201 DE

## Challenges in the Treatment of Parkinson's Disease

2018/11/24	Topic	Speaker
14:00-14:30	Neural mechanism based assessment and treatment of Parkinson's disease with dementia	Simon Lewis
		Australia
14:30-15:00	The possible beneficial impact of bicycling in Parkinson's disease	Ya-Ju Chang
		Taiwan
15:00-15:30	Sensor-based evaluation and treatment of nocturnal hypokinesia in Parkinson's disease	Roongroj Bhidayasiri
		Thailand

## New Horizon of Intervention Therapy in Movement Disorders

16:00-16:30	Assessment and management of gait and balance disorders in Parkinson's disease	Rou-Shayn Chen
		Taiwan
16:30-17:00	Development of activity assist robot and robotic smart home in Japan : experience in Fujita Health University	Satoshi Hirano
		Japan
17:00-17:30	To optimize the effect of botulinum toxin injection in dystonia: the tools we can use and the goals we can achieve	Jörg Wessel
		Germany
18:00-21:30	<b>Gala Dinner and Video Challenges in 4F VIP Banquet Hall</b>	All Participants

## Hyperkinetic Movement Disorders

2018/11/24	Topic	Speaker
14:00-14:30	Cranial functional movement disorders	Mark Edwards UK
14:30-15:00	Paroxysmal dystonias-from clinical genetics to bench	Tu-Hsueh Yeh Taiwan
15:00-15:30	Huntington's and Huntington-like disorders	Thomas Kimber Australia

## Immune- and Infection-Mediated Movement Disorders

16:00-16:30	Immune-mediated movement disorders: syndromic and laboratory approach	Yih-Ru Wu Taiwan
16:30-17:00	Movement disorders of probable infectious origin	Pramod Kumar Pal India
17:00-17:30	Stiff yet unpredictable-stiff person syndrome	Han-Cheng Wang Taiwan
17:30-18:00	<b>TMDS General Assembly for all TMDS members</b>	
18:00-21:30	<b>Gala Dinner and Video Challenges in 4F VIP Banquet Hall</b>	
		All Participants

## Cerebellum in Movement Disorders

2018/11/25	Topic	Speaker
08:00-08:30	Neurophysiological basis of cerebellar ataxia : malfunction of two output modes of the cerebellum	Shinji Kakei
		Japan
08:30-09:00	The role of the cerebellum in Parkinson’s disease	Rick Helmich
		Netherlands
09:00-09:30	The pathophysiological role of cerebellum in essential tremor	Sheng-Han Kuo
		USA

## Altered Basal Ganglia Functional Circuitry in Movement Disorders

10:00-10:30	Basal ganglia circuits for motor, behavioral and emotional performances	Fumino Fujiyama
		Japan
10:30-11:00	The electrophysiological derangement in the parkinsonian corticosubthalamic circuitry	Chung-Chin Kuo
		Taiwan
11:00-11:30	Automatic navigation to DBS targets and the future application for movement disorders	Hagai Bergman
		Israel
11:30-12:30	<b>Luncheon Symposium in 201 BC, or 201 DE, or North Lunge 3F, or South Lounge 3F</b>	

# Parallel Session VIII & X (2018/11/25 AM)

201 DE

## Non-invasive Brain Stimulation

2018/11/25	Topic	Speaker
08:00-08:30	Reacquisition of motor coordination in musical instrument specific dystonia with non-invasive brain stimulation	Shinichi Furuya Japan
08:30-09:00	Impairment of cerebellar neuroplasticity in Parkinson's disease and spinocerebellar ataxia type 3	Ming-Kuei Lu Taiwan
09:00-09:30	Closed-loop non-invasive brain stimulation and the potential application for the neuromodulation of movement disorders	Ulf Ziemann Germany

## Functional Neurosurgery for Movement Disorders

10:00-10:30	Next generation DBS for the treatment of Parkinson's disease	Chiung-Chu Chen Taiwan
10:30-11:00	MRI-guided focus ultrasound and deep brain stimulation for the treatment of focal dystonia	Takaomi Taira Japan
11:00-11:30	Cortical effects of deep brain stimulation: implications for pathogenesis and treatment of Parkinson's disease	Wing-Ho Yung Hong Kong
11:30-12:30	<b>Luncheon Symposium in 201 BC, or 201 DE, or North Lounge 3F, or South Lounge 3F</b>	



# Plenary Session III & IV (2018/11/25 PM)

201 BCDE

## New Horizon of Parkinson's Disease and Movement Disorders

2018/11/25	Topic	Speaker
14:00-14:10	Poster Award to Young Scholars	Organizing Committee
14:10-14:50	Genetic and clinical spectrum of movement disorders in Taiwan	Chin-Hsien Lin Taiwan
14:50-15:30	New perspectives of research and therapy of Parkinson's disease-exploit a new path for the next decade	Eng King Tan Singapore
15:30-16:00	Coffee Break	
16:00-16:40	From deep brain stimulation to probable photobiomodulation for Parkinson's disease (TBD)	Alim-Louis Benabid France
16:40-17:20	Low-intensity transcranial focused ultrasound for disease therapy and neuromodulation	Ying-Zu Huang Taiwan
17:20-17:30	Closing Remark	Chon-Haw Tsai
18:00-21:30	Faculty Dinner ( invited) at 33 F Taipei World Trade Center Club	

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