

## 11.23 FRI Pre-Congress Symposium I & II 201 BCDE

### Brain Functional Connectivity in Movement Disorders

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

## 11.24 SAT Plenary Session I & II 201 BCDE

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

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
10:30-11:10	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

## 11.24 SAT TICC 4F VIP Banquet Hall

18:00-21:30	Gala Dinner and Video Challenge	Welcome all participants
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## 11.25 SUN Plenary Session III & IV 201 BCDE

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

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
16:00-16:40	<b>From deep brain stimulation to probable photobiomodulation for Parkinson's disease</b>	Alim-Louis Benabid France
16:40-17:20	Low-intensity transcranial focused ultrasound for disease therapy and neuromodulation	Ying-Zu Huang Taiwan

The words and digits in red color indicate waiting for confirmation or finalization

## 11.24 SAT Parallel Session I to VI (PI~PVI)

### PI 201BC Clinical Practice in Neuroimaging

14:00-14:30	New advances of molecular imaging in parkinsonism	Yi-Hsin Weng Taiwan
14:30-15:00	I <sup>123</sup> -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

### PIV 201BC 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	Yijiang Chern Taiwan
17:00-17:30	TDP 43 aggregation and therapeutic development in neurodegenerative disorders	Yun-Ru Chen Taiwan

### PII 201DE Challenges in the Treatment of Parkinson's Disease

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

### PV 201DE 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

### PIII 102 Hyperkinetic Movement Disorders

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

### PVI 102 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

## 11.25 SUN Parallel Session VII to X (PVII~PX)

### PVII 201BC Cerebellum in Movement Disorders

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

### P IX 201BC 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 corticostriatal circuitry	Chung-Chin Kuo Taiwan
11:00-11:30	Automatic navigation to DBS targets and the future application for movement disorders	Hagai Bergman Israel

### P VIII 201DE Non-invasive Brain Stimulation

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

### P X 201DE 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

## Lunch Symposium

11.24 SAT  
A: 102  
B: 3F North Lounge  
C: 3F South Lounge

A	Can dopamine agonists ameliorate both the motor and non-motor symptoms of PD ?	Mark Edwards
B	Efficacy of MAOB inhibitors for the treatment of PD-an update view	Simon Lewis
C	MRI-guided focus ultrasound for the treatment of movement disorders	Takaomi Taira

11.25 SUN  
A: 201BC C: 3F North Lounge  
B: 201DE D: 3F South Lounge

A	The role of levodopa Carbidopa Intestinal Gel (LCIG) in the treatment of advanced PD	Victor Fung
B	Comparison of controlled- and immediate-release dopamine agonists in treating PD	Thomas Kimber
C	Challenge of botulinum toxins injection in difficulty situation of dystonia and spasticity	Jörg Wessel
D	Rotigotine transdermal patch effect on motor and non-motor symptoms of PD	Jin Whan Cho

PD : Parkinson's disease; MAOB: Monoamine oxidase B

Agenda

2018 Taiwan International Congress of Parkinson's Disease and Movement Disorders

# 4<sup>th</sup> TIC-PDMD

## 第四屆台灣巴金森暨動作障礙疾病研討會

### November 23~25

Taipei International Convention Center  
台北國際會議中心 TICC  
台北市信義路五段一號

1912 Mackay Hospital, Tamsui, Taipei

1896 Changhua Christian Hospital, Changhua

1895 Da riben taiwan bingyuan (National Taiwan University Hospital), Taipei

1865 SinLau Hospital, Tainan

TAIPEI TAIWAN

www.2018tic-pdmd.org

Organizer: 台灣動作障礙學會 Taiwan Movement Disorder Society

Co-Organizer: 中國醫藥大學 中國醫藥大學附屬醫院 長庚紀念醫院 台大醫院

Endorsed and Supported by: International Parkinson and Movement Disorder Society

# Welcome



Dear Colleagues,

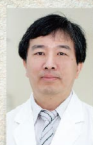
On behalf of Taiwan Movement Disorder Society, we are pleased to inform you that the 4<sup>th</sup> Taiwan International Congress of Parkinson's Disease and Movement Disorders (4<sup>th</sup> TIC-PDMD) have already well prepared, and we sincerely invite you to attend this wonderful congress on November 23-25, 2018, Taipei, Taiwan.

The TIC-PDMD is a biennial congress initiated and hosted by the Taiwan Movement Disorders Society (TMDS). Since the first episode on March 30-31, 2013, TIC-PDMD has proved himself to be one of the most attractive congresses in Asia and a landmark of the Taiwan Movement Disorders Society.

The 4<sup>th</sup> TIC-PDMD will be a 3-day program constructed by 53 lectures with 26 renowned international speakers to bring the latest understandings with focus on the main theme of "Current Advances and New Frontiers of Parkinson's Disease and Movement Disorders".

Please take advantage of your stay in Taipei to explore the capital city of Taiwan. You can enjoy this vibrant and prosperous city through its multidimensional cultures, magnificent landscapes, famous Taiwanese cuisine, and special life styles.

We promise that the 4<sup>th</sup> TIC-PDMD will be an enriching and memorable experience and sincerely anticipate your attendance.



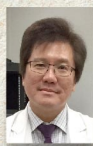
*Chon-Haw Tsai*  
蔡崇豪  
Chon-Haw Tsai  
Chair  
Organizing Committee  
4<sup>th</sup> TIC-PDMD



*Shey-Lin Wu*  
巫錫霖  
Shey-Lin Wu  
Co-Chair  
Organizing Committee  
4<sup>th</sup> TIC-PDMD



*Ying-Zu Huang*  
黃英儒  
Ying-Zu Huang  
Co-Chair  
Organizing Committee  
4<sup>th</sup> TIC-PDMD



*Rou-Shayn Chen*  
陳柔賢  
Rou-Shayn Chen  
Chair  
Scientific Committee  
4<sup>th</sup> TIC-PDMD



*Chin-Hsien Lin*  
林靜嫻  
Chin-Hsien Lin  
Co-Chair  
Scientific Committee  
4<sup>th</sup> TIC-PDMD



*Ming-Kuei Lu*  
呂明桂  
Ming-Kuei Lu  
Secretary-general  
4<sup>th</sup> TIC-PDMD

## Important Dates

- 2018/09/01 Abstract submission deadline
- 2018/10/15 Early-bird deadline
- 2018/11/01 On-line registration deadline
- 2018/11/23~ The 4<sup>th</sup> TIC-PDMD

Category	Early Bird 4/1~10/15	On-line 10/16~11/02	On-site 10/03~11/23
TMDS member	NTD\$ 3,000	NTD\$ 4,000	NTD\$ 5,000

### International Delegates

Physician	USD\$ 200	USD\$ 250	USD\$ 350
Special Identity*	USD\$ 150	USD\$ 200	USD\$ 250
Non-Physician Practitioner	USD\$ 180	USD\$ 230	USD\$ 280

### Domestic Delegates of non-TMDS member

Physician	NTD\$ 5,000	NTD\$ 6,000	NTD\$ 7,000
Special Identity*	NTD\$ 3,500	NTD\$ 4,500	NTD\$ 6,000
Non-Physician Practitioner	NTD\$ 4,000	NTD\$ 5,000	NTD\$ 6,500

Special Identity\* : Student / Trainee / Resident / Nurse / Technician

## Congress Main Theme

Current Advances and New Frontiers of Parkinson's Disease and Movement Disorders

1 Pre-Congress Symposium

1 Video Sessions

4 Plenary Sessions

10 Parallel Sessions

## Hot Topics:

1. Prion theory of Parkinson's disease
2. Immune-mediated movement disorders
3. Clinical practice in neuroimaging
4. New gene, new field, new insight
5. Cerebellum in movement disorders
6. Basal ganglia circuits in movement disorders
7. Functional neuromodulation
8. Challenges in the treatment of Parkinson's disease



Welcome / Important Dates

# No Reason to Hesitate !

**1 Save the date !  
On-line registration!  
Deadline**

- Early-bird: **October 15, 2018**
- On-line registration: **November 1, 2018**

**2 Win the Award !  
Submit your Abstract!  
Deadline**

- Abstract Submission: **September 1, 2018**

**3 Get the Support !  
Apply Travel Grant!**

- International Grant Winner **USD\$ 600**
- Domestic Grant Winner **NTD\$ 3,000**

**Excellent Poster :**

- First Prize **USD\$ 350**
- Second Prize **USD\$ 250**
- Third Prize **USD\$ 150**

**Excellent Video :**

- Gold medal **USD\$ 500**
- Silver medal **USD\$ 300**
- Bronze medal **USD\$ 200**



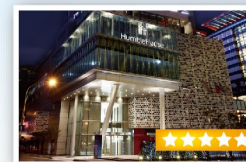
## Accommodations

please make the reservations at your earliest convenience at congress website for the limited number of rooms reserved with special rates

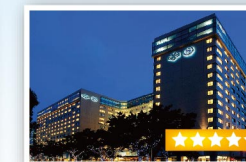
**GRAND HYATT TAIPEI**  
500 m from the venue  
TEL: +886-2- 2717-5518 ext.360



**HUMBLE HOUSE TAIPEI**  
1.3 Km from the venue  
TEL: +886-2-6622-5887



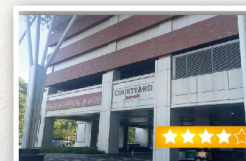
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**PACIFIC BUSINESS HOTEL**  
400 m from the venue  
TEL: +886-2-8780-8000 Ext.3301



**COURTYARD TAIPEI**  
6 Km from the venue  
TEL: +886-2-6615-6560



**HOME HOTEL XINYI**  
1 Km from the venue  
TEL: +886-2-8789-0111



## Venue



## TICC, TAIWAN

Taipei International Convention Center  
Address: 1 Hsin-Yi Rd., Sec.5, Taipei 11049  
TEL : (02)2725-5200 • FAX : (02)2723-2589

## Social Program

Please note that pre-register is required, and the payment will be settled in advance. Please refer to the "social Program" at website and complete 「**Order Form**」.

## Half-day Tour of Taipei City

departure with minimum 4 people with English speaking guide

Category	Date	Duration	Theme	Highlights
Option A	11/24	09:30-12:00	Art	National Palace Museum
Option B	11/24	14:00-17:30	Hot Spring	Beitou Hot Spring Museum; Thermal Valley
Option C	11/25	08:00-12:00	Suburbs	Maokong tea culture brief; Maokong Gondola
Option D	11/25	14:00-16:30	Modern	Taipei 101; Songshan Cultural and Creative Park
Option E	11/25	14:00-16:30	Technology	Guanghua Market Introduction; Hua-Shan Park

The 4<sup>th</sup> TIC-PDMD SECRETARIAT:  
Taiwan Movement Disorder Society

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E-mail: mds.taiwan@gmail.com



Call for Abstract