

Taipei Pediatric Neuro-Oncology Symposium and Satellite Meetings for Targeted Research 2018

Taipei Pediatric Neuro-Oncology Symposium 2018

Date: December 16, 2018

Time: 8:00am-18:30pm

Main theme

Molecular Classification and Management of Pediatric Brain Tumors

Sub-Themes

Medulloblastoma

Germ Cell Tumor

AT/RT and Glioma

Venue: Conference Room 3111, Third Medical Building, Taipei Medical University Hospital, 252, Wu Xing Street, Taipei 110, Taiwan.

台北市信義區 110 吳興街 252 號，臺北醫學大學附設醫院第三醫療大樓十一樓會議室（3111 會議室）

Satellite Meeting of Targeted Research (1)

Date: December 15, 2018

Time: 14:00-16:00

Research Project:

TMU-CWRU Collaborative Project in Medulloblastoma on Immune Signature and Immune Therapy

Venue:4th Conference Hall, United Medical Building (Front Building),

No. 250, Wu-Hsing Street, Taipei 11031, Taiwan

台北醫學大學醫綜大樓前棟 4 樓誠樸廳

11031 台北市信義區吳興街 250 號

Satellite Meeting of Targeted Research (2)

Date: December 15, 2018

Time: 16:00-18:00

Research Target:

Multicenter collaborative research on CNS germ cell tumors

Venue:4th Conference Hall, United Medical Building (Front Building),

No. 250, Wu-Hsing Street, Taipei 11031, Taiwan

台北醫學大學醫綜大樓前棟 4 樓誠樸廳

11031 台北市信義區吳興街 250 號

Satellite Meeting of Targeted Research (3)

Date: December 17, 2018

Time: 9:30-11:30

Research Target:

Multicenter collaborative research on medulloblastoma in children

Venue:Conference Room 3111, Third Medical Building, Taipei Medical University Hospital, 252, Wu Xing Street, Taipei 110, Taiwan.

台北市信義區 110 吳興街 252 號，臺北醫學大學附設醫院第三醫療大樓十一樓會議室（3111 會議室）

Accommodation Hotel for International Faculty

Howard Plaza Hotel Taipei

No. 160, Ren-ai Rd., Sec. 3, Taipei, Taiwan (Tel: +886-2-2700-2323)

台北福華大飯店

106 台北市大安區仁愛路三段 160 號

Organizing Committee:

Chair: Tai-Tong Wong

Members:

Chen Yang, Hsin-Lun Lee, Li-Chun Hsieh, Min-Lan Tsai, Shu-Mei Chen, Shu-Huey Chen, Sung-Hui Tseng, Yen-Lin Liu, Wen-Cheng Huang, Austin Changou, Che-Chang Chang, Chia-Ling Hsieh, Yu-Ling Lin, Kuo-Sheng Wu, Meng-En Chao, Ruby Liu, Shain-Ying Sung, Tsung-Han Hsieh

Organizing Institutions

Taipei Medical University Hospital

Taipei Cancer Center

Taipei Medical University

Sponsors

Taipei Medical University Hospital

Taipei Cancer Center, TMU

Taipei Medical University

Fund of Pediatric Neuroscience in Taipei Medical University

107 年度衛福部科技研究計劃:

MOHW107-TDU-B-212-114010

Program 1. 台整合臺灣兒童癌症臨床治療及分子診斷

Audiovisual

Shing-Shiung Chu

Reception and general affair personnel

Kuo-Sheng Wu, Minh Huy Tran

Meng-En Chao, Yu-Han Chung

Wan Chen, Wan-Ru Huang

Transportation

Meng-En Chao, Minh Huy Tran

Airport pickup of international guest speakers

According to the table of date, flight, and time of arrival/departure

Transportation from hotel to venue of symposium and from venue to Welcome Dinner and Banquet Dinner

Faculty

Canada

Michael Taylor

Staff, Pediatric Neurosurgery, The Hospital for Sick Children, Toronto

Associate Professor, Department of Surgery and Laboratory Medicine and Pathology

Principle investigator, The Arthur and Sonia Labatt Brain Tumor Research Centre

Senior Scientist, Developmental and Stem Cell Biology

mdtaylor@sickkids.ca

Title of lectures:

Advance of medulloblastoma researches and the role of targeted therapy in the near future (to be confirmed).

Wai-Sang Poon, MBChB (Glasg.), FRCS

Chair Professor and Chief of the Division of Neurosurgery,

Department of Surgery, Prince of Wales Hospital,

the Chinese University of Hong Kong, Hong Kong

wpoon@surgery.cuhk.edu.hk

Chairman of a session

Danny TM Chan

Division of Neurosurgery,
Department of Surgery, Prince of Wales Hospital,
the Chinese University of Hong Kong, Hong Kong
tmdanny@surgery.cuhk.edu.hk
Chairman of a session

China

Ma Jie, MD, PhD

Professor and Chair, Pediatric Neurosurgery, Xinhua Hospital, Shanghai
School of Medicine, Shanghai Jiao Tong University, Shanghai, China
majie365@hotmail.com, bigforest_1983@hotmail.com

Tel:+86-13764141885 or +86-15002115685

Fax:+86-21-35010514

Lecture: Treatment of intracranial germ cell tumor in children: a retrospective analysis of a single institution experience in China.

Men Wei

Pediatric Neurosurgery, Xinhua Hospital, Shanghai
School of Medicine, Shanghai Jiao Tong University, Shanghai, China
Title of lecture: Enhanced efficacy of histone deacetylase inhibitor combined with bromodomain inhibitor in glioblastoma

Han Yipeng

Pediatric Neurosurgery, Xinhua Hospital, Shanghai
School of Medicine, Shanghai Jiao Tong University, Shanghai, China
Multicenter retrospective study on clinical features and molecular subtypes of children and adolescents with medulloblastoma in China

Dong Xiaoshu

Pediatric Neurosurgery, Xinhua Hospital, Shanghai
School of Medicine, Shanghai Jiao Tong University, Shanghai, China

Japan

Koichi Ichimura

Chief, Division of Brain Tumor Translational Research
National Cancer Center Research Institute, Tokyo
kichimur@ncc.go.jp

Title of presentation:

- 1) Centralized Molecular Diagnostic Service for Pediatric Brain Tumors in Japan.
- 2) Molecular versus clinical classification and management of CNS GCTs in children.

Sampetean Oltea

Division of Gene Regulation; Institute for Advanced Medical Research; Keio University School of Medicine and Department of Neurosurgery, Tokyo Medical and Dental University; Tokyo, Japan.

oltea@a6.keio.jp

Invitation confirmed

Title of Lecture: Targeting adaptive pathways in glioma stem cells

Singapore

Sharon Yin Yee Low, MBBS, MRCSEd, MMed (Surg)

Neurosurgery,

National Neuroscience Institute, Singapore

sharon.low.y.y@singhealth.com.sg

Title of lecture: CSF cytokines in metastatic Group 3 and 4 medulloblastoma

Taiwan

Che-Chang Chang

Assistant Professor

The Ph.D. Program for Translational Medicine

Graduate Institute of Biomedical Informatics

College of Medical Science and Technology

Taipei Medical University

Email: ccchang168@tmu.edu.tw

Title of lecture: Proteomics and phosphoproteomics for tumor research

Timothy Kao

Attending Physician, Division of Radiation Oncology

Chang Gung Memorial Hospital, Linkou

Email: fructose1202@gmail.com

Invitation letter sent

Title of lecture:

Medulloblastoma in children: The preliminary experience in CGMH Linkou and a comparison with fractionated photon radiotherapy (tentative).

Feng-Chi Chang M.D

Associated Professor,

Attending Physician, Neuroradiology and Interventional Neuroradiology,

Department of Radiology, Taipei VGH

fcchang374@gmail.com, fcchang@vghtpe.gov.tw

Invitation letter sent

Title of Lecture:

Neuroimaging of intracranial germ cell tumor

Li-Chun Hsieh

kevinh9396@gmail.com

Invitation letter sent

Title of lecture:

Scope of imaging features and radiomic study of pediatric brain tumor focusing on medulloblastomas and germ cell tumors.

Kuo-Sheng Wu, PhD

Postdoctoral researcher

Pediatric Brain Tumor Program

Taipei Cancer Center, Taipei Medical University

abel1063@gmail.com

Invitation letter sent

Title of Lecture:

Molecular analysis of embryonal tumors in children in a cohort series of pediatric brain tumors.

Muh-Lii Liang

Staff, Division of Pediatric Neurosurgery, Neurological Institute

Taipei Veterans General Hospital

National Yang Ming University School of Medicine

Email: Liang4617@hotmail.com

Invitation letter sent

Title of lecture:

Sellar-neurohypophyseal germ cell tumor: A hospital cohort series in Taipei VGH

Pin-Yuan Chen, MD, PhD

Staff, Department of Neurosurgery,

Chang Gung Memorial Hospital, Chang Gung University College of Medicine
pinyuanc@adm.cgmh.org.tw

Invitation letter:

Yi-Yen Lee

Attending Physician, Pediatric Neurology and Neuro-Oncology

Division of Pediatric Neurosurgery

Neurological Institute

Taipei Veterans General Hospital

National Yang Ming University, Taipei, Taiwan

Email: yylee62@gmail.com

Title of lecture: Chemotherapy of medulloblastoma in children and the impact on outcomes by using thiotepa in tandem transplant for pediatric high risk embryonal tumor.

Tai-Tong Wong

Professor, Pediatric Neurosurgery

Department of Neurosurgery, Taipei Medical University Hospital

Director of Pediatric Brain Tumor Program

Taipei Cancer Center, Taipei Medical University

ttwong99@gmail.com

Title of lectures:

1. Molecular subgroups of medulloblastoma in children and its clinical correlation in a cohort series in Taiwan
2. Clinical classification and molecular correlation of CNS GCTs: A cohort series in Taiwan
3. Establishment of Web-based Taiwan Pediatric Cancer and Brain Tumor Information Platform and Database System: Preliminary report

Wan-Ru Huang, MS

Psychologist,

Department of Physical Medicine and Rehabilitation

Taipei veterans General Hospital

ryouchibaby@hotmail.com

Invitation letter sent

Title of lecture:

Neuropsychosocial outcome of survivors of medulloblastomas in children and

intervention for post-resection cerebellar mutism

USA

Alex Y Huang

Lectures:

- 1) Single-cell resolution dynamic intravital neuro-immune imaging
- 2) Modeling intravascular leukocyte behavior using near-physiological microfluidics: challenges and some solution

Agne Petrosiute

- 1) Immune Signaling and host immune responses in Medulloblastoma
- 2) Role of Cdk5 in immune resistance in Medulloblastoma and other childhood cancers

December 15, 2018

Satellite meeting of target research (1)

Time: 14:00-16:00

Research Project:

TMU-CWRU Collaborative Project in Medulloblastoma on Immune Signature and Immune Therapy

Venue: 4th Conference Hall, United Medical Building (Front Building),

No. 250, Wu-Hsing Street, Taipei 11031, Taiwan

台北醫學大學醫綜大樓前棟 4 樓誠樸廳

11031 台北市信義區吳興街 250 號

Time	Program
December 15, 2018	
Research team	TMU – Tai-Tong Wong, Chai-Ling Hsieh, Yu-Ling Lin, Che-Chang Chang, Austin Changou, Shain-Ying Sung, Ruby Liu, Tsung-Han Hsieh, Kuo-Sheng Wu, Mengen Chao, Wan Chen, Shing-Shiung Chu CWRU – Alex Y. Huang, Agne Petrosiute
Progress of the project since June, 2018	
14:00-14:20	TMU – Tai-Tong Wong
14:20-14:40	Discussion
14:40-15:00	CWRU – Alex Huang
15:00-15:20	Discussion

Future Plan	
15:20-15:40	TMU
	Tumor (medulloblastoma, SHHa and SHHb) microenvironment in mouse model
	Meatastatic tumor (medulloblastoma, SHHa and SHHb) microenvironment in mouse model
	CWRU

December 15, 2018

Satellite meeting of target research (2)

Time: 16:00-18:00

Research Project:

Integrated Molecular, Imaging, and Clinical Research of CNS GCTs

Venue:4th Conference Hall, United Medical Building (Front Building),

No. 250, Wu-Hsing Street, Taipei 11031, Taiwan

台北醫學大學醫綜大樓前棟 4 樓誠樸廳

11031 台北市信義區吳興街 250 號

Time	Program
December 15, 2018	
Research team	<p>China: Jie Ma, Men Wei, Han Yipeng, Dong Xiaoshu</p> <p>Japan: Koichi Ichimura</p> <p>Hong Kong: Wai-Sang Poon, Danny TM Chan</p> <p>Taiwan: Tai-Tong Wong/Yen-Lin Liu/Hsin-Lun Lee/Wen-Cheng Huang , Donald MT Ho/Muh-Lii Laing/Robert/Hsin-Hung Chen/Yi-Yen Lee/Shih-Chieh Lin/Feng-Chi Chang/Yi-Wei Chen, Meng-Fai Kuo/Shih-Hung Yang, Tai-Ngar Lui/Shu-Mei Chen, Joon-khim Loh/Yufeng Su, Chieh-Tsai Wu/Ming-Jung Chuang, Yu-Cheng Chou , Zhiquan Yang</p> <p>Singapore: Sharon Yin Yee Low</p>
Present status of on CNS Germ Cell Tumors in Shanghai China, Hong Kong, Japan, and Taiwan	
16:00-16:20	Koichi Ichimura
16:20-16:40	Wai-Sang Poon
16:40-17:00	Jie Ma
17:00-17:20	Tai-Tong Wong
17:00-17:30	Discussion for Multicenter Collaboration

December 16, 2018

Taipei Pediatric Neuro-Oncology Symposium

Time:8:00-18:30

Venue: Venue:

Conference Room 3111, Third Medical Building, Taipei Medical University Hospital. 252, Wu Xing Street, Taipei 110, Taiwan.

台北市信義區 110 吳興街 252 號，臺北醫學大學附設醫院第三醫療大樓
十一樓會議室（3111 會議室）

Time	Program
December 16, 2018	
8:00-8:10	Opening Remarks Ray-Jade Chen, Jacqueline Whang-Pen, Alice Lin-Tsing Yu, Chao-Ching Huang, Yong-Kwang Tu, Aij-Lie Kwan, Yung-Hsiao Chiang
Session 1	Medulloblastoma (1)
Moderator	Donald MD Ho, Wai-Sang Poon, Chia-Ling Hsieh, Shiann-Tarng Jou, Yi-Wei Chen, Hsin-I Ma
8:10-8:15	Molecular subgroups of medulloblastoma in children and its clinical correlation in a cohort series in Taiwan Tai-Tong Wong, Muh-Lii Liang, Robert Hsin-Hung Chen, Kuo-Sheng Wu
8:15-8:30	Multi-center retrospective study on clinical features and molecular subtypes of medulloblastoma in China Han Yipeng, Jie Ma
8:30-9:00	Immune Signaling and host immune responses in Medulloblastoma. Agne Petrosiute
9:00-9:20	Chemotherapy of medulloblastoma in children and the impact on outcomes by using thiotepa in tandem transplant for pediatric high risk embryonal tumor. Yi-Yen Lee
9:20-9:40	Medulloblastoma in children: The preliminary experience of proton therapy in CGMH Linkou and a comparison with fractionated photon radiotherapy. Timothy Kao
9:40-10:00	Neuropsychosocial outcome of survivors of medulloblastomas in children and intervention for post-resection cerebellar mutism

	Wan-Ru Huang
10:00-10:10	Coffee Break
Session 2	Medulloblastoma (2)
Moderator	Shain-Ying Sung, Yu-Ling Lin, Ruby Liu, Austin Changou, Danny TM Chan
10:10-10:40	Single-cell resolution dynamic intravital neuro-immune imaging Alex Y Huang
10:40-11:10	Role of Cdk5 in immune resistance in Medulloblastoma and other childhood cancers Agne Petrosuite
11:10-11:30	CSF cytokines in metastatic Group 3 and 4 medulloblastoma Sharon Yin Yee Low
11:30-11:50	Application of proteomics and phosphoproteomics in tumor research Che-Chang Chang
11:50-12:10	Enhanced efficacy of histone deacetylase inhibitor combined with bromodomain inhibitor in glioblastoma Meng Wei
12:10—13:30	Lunch
Session 3	Medulloblastoma (3)
Moderator	Kuo-Chen Wei, Alice Ling-Tsing Chen, Chieh-Tsao Wu, Dueng-Yuan Hueng, Chiung-Chyi Shen,
13:30-14:00	Modeling intravascular leukocyte behavior using near-physiological microfluidics: challenges and some solution Alex Y Huang
14:00-14:20	Centralized Molecular Diagnostic Service for Pediatric Brain Tumors in Japan. Koichi Ichimura
14:20-14:40	Establishment of Integrated Care of Pediatric Brain Tumors in TMUH and the Potential of Web-based Pediatric Brain Tumor Bioinformatic Platform: Preliminary Report Tai-Tong Wong
14:40-13:00	Molecular analysis of embryonal tumors in children in a cohort series of pediatric brain tumors. Kuo-Sheng Wu, Hsin-Hung Chen, Mul-Lii Liang, Tai-Tong Wong,
15:00-15:20	Targeting adaptive pathways in glioma stem cells Sampetrea Oltea
15:20-15:40	Pending

	Pin-Yuan Chen
15:40-15:50	Coffee Break
Session 4	CNS Germ cell tumors
Moderator	Shih-Hung Yang, Matthew Ming Kong Shing, Joon-Kim Loh, Robert Hsin-Hung Chen, Yu-Cheng Chou, Tai-Ngar Lui
15:50-16:10	Molecular versus clinical classification and management of CNS GCTs in children. Koichi Ichimura
16:10-16:30	Clinical classification and molecular correlation of CNS GCTs: A cohort series in in Taiwan Tai-Tong Wong, Hsin Hung Chen, Muh-Lii Liang, Kuo-Sheng Wu
16:30-16:50	Treatment of intracranial germ cell tumor in children: a retrospective analysis of a single institution experience in China. Jie Ma
16:50-17:10	MRI imaging of CNS germ cell tumors Feng-Chi Chang
17:10-17:30	Sellar-neurohypophyseal germ cell tumor: A hospital cohort series in Taipei VGH Muh-Lii Liang
17:30-18:10	Advance of medulloblastoma researches and the role of targeted in the near future (to be confirm). Michael Taylor
19:00	Dinner sponsored by TMUH

December 17, 2018

Satellite meeting of target research (3)

Time: 9:30-11:30

Research Project:

Multicenter collaborative research on clinical, imaging features, molecular correlation of medulloblastomas in children

Venue: Conference Room 3111, Third Medical Building, Taipei Medical University

Hospital. 252, Wu Xing Street, Taipei 110, Taiwan.

台北市信義區 110 吳興街 252 號，臺北醫學大學附設醫院第三醫療大樓十一樓會議室（3111 會議室）

Time	Program
December 17, 2018	
Research team	Canada: Michael Taylor China: Jie Ma Hong Kong: Wai-Sang Poon, Danny TM Chan Taiwan: Tai-Tong Wong, Donald MT Ho/Diego Lin/Muh-Lii Laing/Hsin-Hung Chan, Meng-Fai Kuo/Shih-Hung Yang, Chieh-Tsai Wu/Ming-Jung Chuang, Joon-khim Loh/Yufeng Su, Yu-Cheng Chou, Zhiquan Yang
9:00-9:20	The TMUH/Taipei VGH experience Molecular classification and gene expression of metastatic tumor at diagnosis. Tai-Tong Wong Scope of imaging features and radiomic study of pediatric medulloblastoma. Li-Chun Hsieh
9:20-9:40	Shanghai Xin Hua Hospital's experience. Jie Ma
9:40-10:00	The Singapore experience. Sharon Yin Yee Low
9:40-10:20	Dr. Michael Taylor's comment
10:20-11:00	Discussion