

Taipei Pediatric Neuro-Oncology Symposium 2019

Date: May 18, 2019

Time: 8:00am-18:30pm

Main theme

Clinical, Molecular, and Translational Research of Pediatric Brain Tumors

Sub-Themes

CNS embryonal tumors

Medulloblastoma

ATRT

PNET

Other 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



註：14 第三醫療大樓位置圖

3 綜醫大樓前棟

Accommodation Hotel for International Faculty:

Howard Plaza Hotel Taipei (台北福華大飯店)

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

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, Rai-Sin Hsu
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

Taipei Medical University Hospital, Taipei Medical University

Taipei Cancer Center, Taipei Medical University

Sponsors

Taipei Medical University

Taipei Medical University Hospital, TMU

Taipei Cancer Center, TMU

MOHW108-TDU-B212-124010

計劃名稱：第三期癌症研究癌症整合研究計劃－整合台灣兒童癌症臨床治療及分子診
斷定（第二年）

Fund Raising for Symposium

北醫學大學附設醫院
台北醫學大學台北癌症中心
台北醫學大學兒童神經醫學基金專戶 福泉鋼業股份有限公司
MOHW108-TDU-B212-124010

Social Program

2019/5/17, 19:00-21:00

Reception dinner for quest speakers: Regent Taipei (By invitation)

2019/05/18, 19:00-21:30

Banquet: Really Good Seafood Restaurant

Speakers, Moderators, participants, general affair personnel (Total 40-50 seats)

Address: No. 222, Sec. 1, Fuxing South Road, Taipei City 106, Taiwan

Audiovisual

Shing-Shiung Chu

Reception and general affair personnel

Kuo-Sheng Wu, Minh Huy Tran

Meng-En Chao, Yu-Han Chung, 鄒筱瑩, 陳依蘭, 江桀影

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

Annie Huang, MD, PhD

Staff Oncologist, Pediatric Brain Tumor Program, Division of Hematology/Oncology,

Associate Professor, Department of Pediatric, University of Toronto, Canada.

annie.huang@sickkids.ca

Lecture:

1. Therapeutic implications of biological heterogeneity in ATRTs
2. Therapeutic vulnerabilities in ETMRs

Discussion in the morning of May 17 for collaboration project on embryonal tumor.

Lucie Lafay-Cousin, MD

Associated Professor

University of Calgary

Department of Pediatrics

Department of Oncology

Alberta Children's Hospital

E-mail: lucie.lafay-cousin@ahs.ca

Lecture:

1. Treatment of medulloblastoma in infants in molecular era.
2. ATRT, improving cure rate and beyond

Eric Raabe, MD, PhD

Associate Professor of Pediatric Oncology and Instructor of Pathology

The Johns Hopkins Pediatric Neuro-oncology Service

Sidney Kimmel Comprehensive Cancer Center

Johns Hopkins Hospital and Johns Hopkins University School of Medicine

Lecture:

1. Disrupting abnormal metabolism in pediatric brain tumors
2. Targeting LIN28 and its downstream effectors in pediatric brain tumors

Hong Kong

Danny TM Chan

Division of Neurosurgery,

Department of Surgery, Prince of Wales Hospital,

Chinese University of Hong Kong, Hong Kong

tmdanny@surgery.cuhk.edu.hk

Chairman of a session

Japan

Akihide Kondo, MD, PhD

Professor, Department of Neurosurgery,

Juntendo University, School of Medicine, Tokyo

knd-aki@juntendo.ac.jp

Lecture: Pending

Discussion meeting on May 17, 2019 for Medulloblastoma Research Collaboration with

TMUH

Taiwan

Duen-Yuan Hueng, MD, PhD.

Department of Neurological Surgery

Tri-Service General Hospital

National Defense Medical Center, Taipei, Taiwan

hondy2195@yahoo.com.tw

Lecture:

1. SNAP reverses the resistance to temozolomide (TMZ) in human glioma cells via downregulation of MGMT

Kuo-Sheng Wu, PhD

Postdoctoral researcher
Pediatric Brain Tumor Program
Taipei Cancer Center, Taipei Medical University
abel1063@gmail.com

Lecture:

1. Applying similarity network fusion (SNF) for clustering of 52 medulloblastomas in children.

Kung-Hao Liang, PhD

Associate researcher, Department of Medical Research,
Taipei Veterans General Hospital
kunghao@gmail.com

Lecture:

1. Analyzing molecular signatures correlated with medulloblastoma patient survival

Shih-Sheng Jiang, PhD

Assistant Investigator National Institute of Cancer Research
National Health Research Institutes
ssjiang@nhri.org.tw

Lecture

1. Immune signature and preliminary deconvolution approach for subgroup specific immune cell infiltration in a cohort series of 52 cases

Li-Chun Hsieh, MD

Assistant Professor, Staff, Department of Medical Imaging,
Taipei Medical University Hospital,
Taipei Medical University
kevinh9396@gmail.com

Lecture:

1. Radiomic study of pediatric brain tumor focusing on medulloblastomas and germ cell tumors.

Tai-Tong Wong, MD

Professor, Staff Pediatric Neurosurgery, Division of Neurosurgery
Taipei Medical University Hospital
Director, Pediatric Brain Tumor Program
Taipei Cancer, Taipei Medical University
ttwong99@gmail.com

Lecture:

1. Molecular subgroups and genetic predisposition in medulloblastomas: A cohort series of 52 cases

in children

2. CNS ATRT: From bedside to bench research in TMUH.

Wan-Ru Huang, MS

Psychologist,

Department of Physical Medicine and Rehabilitation

Taipei veterans General Hospital

ryouchibaby@hotmail.com

Lecture:

1. Neuropsychosocial outcome of survivors of CNS embryonal tumors in infant and children

Yi-Yen Lee, MD, PhD

Assistant Professor, Staff 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

Lecture:

1. High dose chemotherapy for pediatric CNS embryonal tumors.

Yen-Lin Liu, MD, PhD

Assistant Professor

Staff, Pediatric Hematology and Oncology

Department of Pediatrics

Taipei Medical University Hospital

Taipei Cancer Center, Taipei Medical University

Email: yll.always@gmail.com

Lecture:

1. Epidemiology of pediatric brain tumor and CNS embryonal tumors in Taiwan.

Scientific Program

May 18, 2019

Taipei Pediatric Neuro-Oncology Symposium

Time: 8:00-18:30

Venue:

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Time	Program
8:00-8:10	Opening Remarks Ray-Jade Chen, Jacqueline Whang-Pen, Alice Lin-Tsing Yu, Shyr-Yi Lin
Session 1	ATRT and Pediatric Brain Tumors
Moderator	
8:10-8:30	CNS ATRT: From bedside to bench research in TMUH. Tai-Tong Wong
8:30-9:00	Therapeutic implications of biological heterogeneity in ATRTs Annie Huang
9:00-9:30	ATRT, improving cure rate and beyond Lucie Lafay-Cousin
9:30-9:50	High dose chemotherapy for pediatric CNS embryonal tumors (To be confirm) Yi-Yen Lee
9:50-10:20	Disrupting abnormal metabolism in pediatric brain tumors Eric Raabe
10:20-10:30	Coffee Break
Session 2	Medulloblastoma
Moderator	
10:30-10:50	Applying similarity network fusion (SNF) for clustering of 52 medulloblastomas in children Kuo-Sheng Wu
10:50-11:10	Molecular subgroups and genetic predisposition in medulloblastomas: A cohort series of 52 cases in children. Tai-Tong Wong
11:10-11:40	Pending Akihiko Kondo
11:40-12:10	Treatment of medulloblastoma in infants in molecular era.

	Lucie Lafay-Cousin
12:10—14:10	Lunching Meeting of the 8 th Taiwan Pediatric Brain Tumor Consortium
	Molecular subgroup and out-come basted risk stratification for subgroup specific treatment strategies of Medulloblastomas in Children in Taiwan
	Tai-Tong Wong
	Report and Discussion
Session 3	Embryonal tumor and other tumors
14:10-14:30	Epidemiology of pediatric brain tumor and CNS embryonal tumors in Taiwan. Yen-Lin Liu
14:30-13:00	Radiomic study of pediatric brain tumor focusing on medulloblastomas and germ cell tumors Li-Chun Hsieh
13:00-15:30	SNAP reverses the resistance to temozolomide (TMZ) in human glioma cells via downregulation of MGMT Duen-Yuan Hueng
15:30-16:00	Neuropsychosocial outcome of survivors of embryonal tumors in infant and children Wan-Ru Huang
16:00-16:10	Coffee Break
Session 4	Embryonal tumors
16:10-16:40	Analyzing molecular signatures correlated with medulloblastoma patient survival Kung-Hao Liang
16:40-17:10	Immune signature and preliminary deconvolution approach for subgroup specific immune cell infiltration in a cohort series of 52 cases Shih-Sheng Jiang/Tai-Tong Wong
17:10-17:40	Therapeutic vulnerabilities in ETMRs Annie Huang
17:40-18:10	Targeting LIN28 and its downstream effectors in pediatric brain tumors Eric Raabe
	Adjourn
18:30-21:00	Banquet Dinner sponsored by TMUH at Really Good Seafood Restaurant (By invitation)