

The Taiwan Pediatric Brain Tumor Symposium 2016 at TMUH

Date: April 9-10, 2016

Main Theme

1. Session 1: Medulloblastoma
2. Session 2: Establishment of pediatric brain tumor treatment program in Asia
3. Session 3: CNS AT/RT
4. Session 4: Molecular and translation studies of pediatric brain tumors.

Organizing Institution

Taipei Medical University Hospital, Taipei Cancer Center, Taipei Medical University

Organizing Committee:

Chair: Tai-Tong Wong

Co-Chair: Tai-Ngar Lui, Meng-Fai Kuo, Joong-Khim Loh

Advisory Board:

Yumei Yu, Yuh-Jyh Jong, Ming-The Chen, Ming-Hsiung Chen, Joong-Khim Loh,
Wen-Cheng Lo, Yung-Hsiao Chiang

Secretary: Shu-Mei Chen, Yen-Lin Liu, Yi-Shan Yang

Secretariat:

Kuan-Chen Chen

Department of Neurosurgery, Taipei Medical University Hospital
252, Wu Xing Street, Taipei 110, Taiwan

Tai-Tong Wong

Cell phone: 886-963022381

Audiovisual

Shing-Shiung Chu

Cell phone: 0921743567

Sponsors

Taipei Medical University Hospital, TMU

Taipei Cancer Center, TMU

Fund of Pediatric Neuroscience in Taipei Medical University

Lotus Pharmaceutical Co. Ltd.

104 年度兒科重難症醫療照護團隊獎勵方案：兒童癌症—臺北醫學大學兒童腦
瘤照護團隊（Childhood Cancer – TMU Pediatric Brain Tumor Program）

105 年度衛福部科技研究計劃：台灣兒童癌症臨床治療及分子診斷整合研

究：兒童腦瘤子計劃

Supporting Organization

Taiwan Society for Pediatric Neurosurgery
Taiwan Child Neurology Society
Taiwan Pediatric Association
Taiwan Society for Neuro-oncology
Taiwan Neurosurgical Society
Taiwan Society for Therapeutic Radiology and Oncology
Taiwan Society of Pathology
Childhood Cancer Foundation of R.O.C.

Venue:

Room 3102, Education and Research Building (教研大樓), Taipei Medical University, 250 Wuxing Street, Taipei City, TAIWAN 110
3102 教室，教研大樓，台北醫學大學，110 台北市信義區吳興街 250 號

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

Faculty

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:

Pediatric brain tumor program in Xinhua Hospital and China

Hong Kong China

Ho-Keung Ng, MB ChB (Edin.), MD, FRCPath, FRCPA, FCAP,

FFPathRCPI, MIAC, FHKC Path

Chair Professor, Department of Anatomical and Cellular Pathology

Associate Dean (Education),

The Chinese University of Hong Kong, Hong Kong, China

hkng@cuhk.edu.hk

Lecture:

1. The establishment of central review of brain tumor pathology in Hong Kong
2. The New WHO Classification and the molecular diagnosis of medulloblastoma

Dennis Tak-Loi Ku, MD

Pediatric Oncology, Tuen Mun Hospital

Hong Kong

dennisku@hotmail.com

Lecture:

Sharing of Clinical Experience in the management of CNS ATRT

Matthew Ming Kong Shing, MBBS(HK), FRCP (Edin), FRCP(Glas), FHKAM (Paed), FHKC (Paed), MRCPCH

Consultant, Clinical Associate Professor (Honorary), CUHK

Prince of Wales Hospital, New Territories East Cluster

Hospital Authority

Lady Pao Children's Cancer Center

30-32 Ngan Shing Street, Shatin, N.T., Hong Kong

Fax: (852)2632 1019

mk-shing@cuhk.edu.hk

Lecture:

Multi-centered clinical trials in pediatric brain tumors in Hong Kong

Xian-Lun Zhu MD

Consultant Neurosurgeon, Clinical Associate Professor (Honorary)

Division of Neurosurgery,

Department of Surgery, Prince of Wales Hospital, the Chinese University of Hong Kong, Hong Kong, China

zhuxl@surgery.cuhk.edu.hk

Lecture:

Pediatric brain tumor second look operation

Japan

Akihide Kondo, MD, PhD

Professor, Department of Neurosurgery, Juntendo University School of Medicine,
Tokyo, Japan

knd-aki@juntendo.ac.jp

Lecture:

1. The Current treatment for AT/RT in Japan
2. The status of molecular research project ongoing in Japan and clinical standard therapies

Sampetrea Oltea, MD, PhD

Division of Gene Regulation,
Institute for Advanced Medical Research,
Keio University School of Medicine, Tokyo, Japan

oltea@a6.keio.jp

Lecture:

Heterogeneity and plasticity of brain tumor stem cells

Departure: April 11th, Taoyuan Airport, 12:55 (CATHAY PACIFIC AIRWAYS
CX0450)

Korea

Ji Hoon Phi, MD, PhD

Division of Pediatric Neurosurgery
Seoul National University Children's Hospital, Seoul, Korea

phi.jihoon@gmail.com

Lecture:

1. Management of recurrent medulloblastoma
2. Introduction to KSPNO establishment.

Thailand

Panu Nacharoong MD

Division of Pediatric Neurosurgery,
Samitivej Children's Hospital, Bangkok, Thailand

Yoyo_bangkok@hotmail.com

Aekavut

Division of Pediatric Neurosurgery,
Mahidol University, Bangkok, Thailand

Yoyo_bangkok@hotmail.com

Taiwan

Alex Lu, MD

Department of Neurosurgery, Linkow Chang Gung Memorial Hospital, Chang Gung
University College of Medicine
alexlu0416@gmail.com

Lecture:

Establishment of Diffuse Intrinsic Pontine Glioma Cell Lines and Xenografts at
University of California in San Francisco

Chih-Chun Wu, MD

Neuroradiology, Department of Radiology, Taipei VGH
ccwu1005@gmail.com

Lecture:

Standard and new advances of neuroimaging for pediatric brain tumors

Din-Li Tsan, MD

Department of Radiation Oncology, Linkou Chang Gung Memorial Hospital
vottale@cgmh.org.tw

Lecture:

Radiation therapy for medulloblastoma: The role of proton therapy and preliminary
experience in Linkou CGMH

Donald MT Ho, MD

Professor and Chief, Department of Pathology
Taipei Veterans General Hospital
National Yang Ming University, School of Medicine
mtho@vghtpe.gov.tw

Lecture:

From AT/RT to AT/RT-like tumor

I-Chun Lai, MD

Division of Radiation Oncology, Cancer Center
Taipei Veterans General Hospital
National Yang Ming University School of Medicine
littlelai0114@gmail.com

Lecture:

Radiation therapy for medulloblastoma: The role of IMRT

Li-Chun Hsieh, MD

Department of Medical Imaging, Taipei Medical University Hospital, Taipei, Taiwan;
Translational Imaging Research Center, College of Medicine, Taipei Medical
University

kevinh9396@gmail.com

Lecture:

Imaging of Pediatric Posterior Fossa Tumor: from Conventional to Molecular

Kuo-Sheng Wu, PhD

Postdoctoral researcher

Pediatric Brain Tumor Program

Taipei Cancer Center, Taipei Medical University

abel1063@gmail.com

Lecture:

Summing up of molecular and translational research on medulloblastoma metastasis

Long-Sheng Lu, MD, PhD

Assistant Professor, Graduate Institute of Biomaterials and Tissue Engineering,
Taipei Medical University

Resident, Department of Radiation Oncology, Taipei Medical University Hospital,
Taipei, Taiwan

123007@h.tmu.edu.tw

Lecture:

Revisiting radiation vasculopathy

Meng-Fai Kuo, MD, PhD

Professor, Chief of Pediatric Neurosurgery

Department of Neurosurgery

National Taiwan University Hospital

mfkenator@gmail.com

Lecture:

Molecular study of medulloblastoma

Muh-Lii Liang, MD

Division of Pediatric Neurosurgery, Neurological Institute

Taipei Veterans General Hospital

National Yang Ming University School of Medicine

Email: Liang4617@hotmail.com

Lecture:

Research integrating miRNome and transcriptome profiling on pediatric high-grade gliomas

Pin-Yuan Chen, MD, PhD

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

Lecture:

Convection enhanced drug delivery

Robert Hsin-Hung Chen, MD

Division of Pediatric Neurosurgery, Neurological Institute
Taipei Veterans General Hospital
National Yang Ming University School of Medicine

Email: roberthhchen3@gmail.com

Lecture:

High dose chemotherapy and autologous stem cell rescue for AT/RT of CNS: Report of 10 cases

Shian-Ying Sung, PhD

Associate Professor
The Ph.D. Program for Translational Medicine
College of Medical Science and Technology
&

Vice Director

Joint Clinical Research Center

Taipei Medical University

ssung@tmu.edu.tw

Lecture:

Microenvironment research on tumors

Shih-Hung Yang, MD

Department of Neurosurgery
National Taiwan University Hospital
swonyang@ntuh.gov.tw

Lecture:

Update on CNS AT/RT and NTUH experience

Tai-Tong Wong, MD

Professor, Chief of Pediatric Neurosurgery\

Department of Neurosurgery, Taipei Medical University Hospital

Director of Pediatric Brain Tumor Program

Taipei Cancer Center, Taipei Medical University

ttwong99@gmail.com

Lecture:

1. Clinical and molecular aspects of medulloblastoma in children
2. Introduction to the kick off of pediatric brain tumor program/consortium in Taiwan

Tsui-Feng Yang, MD

Associate Professor,

Chief, Division of Neurological Rehabilitation

Department of Physical Medicine and Rehabilitation

Taipei veterans General Hospital

tfyang@vghtpe.gov.tw

Lecture:

Rehabilitation for children with brain tumors

Tsung-Han Hsieh, PhD

Postdoctoral researcher

The Center of Translational Medicine

Taipei Medical University

thhsieh2003@gmail.com

Lecture:

Genomic and molecular research on CNS AT/RT

Wan-Ru Huang, MS

Psychologist,

Department of Physical Medicine and Rehabilitation

Taipei veterans General Hospital

ryouchibaby@hotmail.com

Lecture:

Neurocognitive profile and psychosocial adaptation in survivors of medulloblastoma

Yeong-Seng Yuh, MD, PhD

Department of Pediatrics
Cheng Hsin General Hospital
yuhyeongseng@gmail.com

Lecture:

Neuroendocrine disorders and care for children with brain tumors

Yi-Yen Lee, MD, PhD

Pediatric Neurooncology
Division of Pediatric Neurosurgery
Neurological Institute
Taipei Veterans General Hospital
National Yang Ming University, Taipei, Taiwan
yylee62@gmail.com

Lecture:

Present status of chemotherapy for medulloblastoma

Yen-Lin Liu, MD

Pediatric Hematology Oncology
Department of Pediatrics
Taipei Medical University Hospital
yll.always@gmail.com

Lecture:

Review of clinical trials for medulloblastoma

Yi-Wei Chen, MD, PhD

Division of Radiation Oncology, Cancer Center
Taipei Veterans General Hospital
National Yang Ming University School of Medicine
chenyw@vghtpe.gov.tw

Lecture:

The role of initial radiotherapy on CNS AT/RT after tumor resection

Program

April 9, 2016

Time	Program
8:20-8:30	Welcome Address: Yen Yuen, Jui-Chieh Chen , Jacqueline Whang-Peng, Yuh-Jyh Jong Chao-Ching Huang, James Miser, Jeng-Fong Chiou
Session 1	Medulloblastoma
Chairman	Chi-Long Chen, Meng-Fai Kuo, Cheng-Yu Chen, Sang-Hue Yen
8:30-9:00	Special lecture The New WHO Classification and the molecular diagnosis of medulloblastoma (Ho-Keung Ng)
9:00-9:20	Clinical and molecular aspects of medulloblastoma in children (Tai-Tong Wong)
9:20-9:40	Imaging of Pediatric Posterior Fossa Tumor: From Conventional to Molecular (Kevin Hsieh)
9:40-10:20	1. The role of proton therapy in medulloblastoma preliminary experience in Linkou CGMH (Tsan Din-Li) 2. The role of RT in Medulloblastoma (Lai I-Chun)
10:20-10:30	Coffee Break
Chairman	Te-Kau Chang, Shu-Huey Chen, Tai-Ngar Lui, Hsin-I Ma
10:30-10:50	Chemotherapy for medulloblastoma 1. Present status of chemotherapy for medulloblastoma (Yi-Yen Lee) 2. Review of recent clinical trials (Yen-Lin Liu)
10:50-11:10	The management of recurrent medulloblastoma (Ji Hoon Phi)
11:30-11:50	Neurocognitive profile and psychosocial adaptation in survivors of medulloblastoma (Huang Wan-Ru)
Lunch 11:50-13:20	J Restaurant, Japanese Food Restaurant
Session 2	Present Status of Pediatric Neurooncology Program Establishment in Asia Countries
Chairmen	Donald MT Ho, Shiann-Tarng Jou, Joong-Khim Loh, Cheng-Siu Chang, Sung-Hui Tseng, Chen-Yang, Panu Nacharoong
13:20-13:40	The establishment of central review of brain tumor pathology in Hong Kong (Ho-Keung Ng)
13:40 -14:00	Multi-centered clinical trials in pediatric brain tumors in Hong Kong (Matthew Ming Kong Shing)
14:00-14:20	The establishment of KSPNO and related ongoing clinical trials (Ji Hoon

	Phi)
14:20-14:40	Pediatric brain tumor program in Xinhua Hospital and China (Jie Ma)
14:40-15:00	The status of molecular research project ongoing in Japan and clinical standard therapies (Akihide Kondo)
15:00-15:10	Introduction to the kick off of pediatric brain tumor program/consortium in Taiwan (Tai-Tong Wong)
15:10-15:30	Rehabilitation for children with brain tumors (Tsui-Feng Yang)
15:30-15:50	Neuroendocrine disorders and care for children with brain tumors (兒童腦瘤相關的內分泌問題及照顧) (Yeong-Seng Yuh)
15:50-16:10	Standard and new advances of neuroimaging for pediatric brain tumors (Chih-Chun Wu)
16:10-16:20	Coffee break
Session 3	CNS AT/RT
Chairmen	Tai-Tong Wong, Tang-Her Jaing, Kang-Hsi Wu, Panu Nacharoong
16:20-16:50	Special lecture From AT/RT to AT/RT-like tumor (Donald MT Ho)
16:50-17:10	The Current treatment for AT/RT in Japan (Akihide Kondo)
17:10-17:30	Update on CNS AT/RT and NTUH experience (Shih-Hung Yang)
17:30-17:50	Sharing of Clinical Experience in the management of CNS AT/RT (Dennis Tak-Loi KU)
17:50-18:10	The role of initial radiotherapy on CNS AT/RT after tumor resection (Yi-Wei Chen)
18:10-18:30	High dose chemotherapy and autologous stem cell rescue for AT/RT of CNS: Report of 10 cases (Robert Hsin-Hung Chen)
19:30-21:30	Banquet (By invitation) Really Good Seafood Restaurant: 222, FuXing S Rd, Sec 1 台北市大安區復興南路一段 222 號 1 樓 (02) 2771-3000

April 10, 2010

Session 4	Molecular and translation studies on pediatric brain tumors
Chairman	Alice L Yu, Che-Chang Chang, Pin-Yuan Chan
8:30-9:00	Special lecture Revisiting radiation vasculopathy (Long-Sheng Lu)
9:00-9:30	Special lecture Heterogeneity and plasticity of brain tumor stem cells (Oltea Sampetean)

9:30-10:00	Special lecture Microenvironment research on tumors (Shian-Ying Sung)
10:00-10:20	Convection enhanced drug delivery (Pin-Yuan Chen)
10:20-10:40	Establishment of Diffuse Intrinsic Pontine Glioma Cell Lines and Xenografts at University of California in San Francisco (Alex Lu)
10:40-11:00	Pediatric brain tumor second look operation (Xian-Lun Zhu)
11:00-11:10	Coffee break
Chairman	Wei-Chung Yang, Ji Hoon Phi
11:10-11:30	Research integrating miRNome and transcriptome profiling on pediatric high-grade gliomas (Muh-Lii Liang)
11:30-11:50	Molecular study of medulloblastoma (Men-Fai Kuo)
11:50-12:10	Metastatic medulloblastoma research in National Seoul University Hospital (Ji Hoon Phi)
12:10-12:30	Summing up of molecular and translational research on medulloblastoma metastasis (Kuo-Sheng Wu)
12:30-12:50	Genomic and molecular research on CNS AT/RT (Tsung-Han Hsieh)
Adjourn	