

Surname : Ng  
Name : Ho Keung  
Sex : male

This CV concentrates mostly on the last ten years only and does not fully capture 41 years of service at CUHK (Chinese University of Hong Kong).

CV is update for *August 1 2024*

Current position : Chair Professor of Department of Anatomical & Cellular Pathology, Chinese University of Hong Kong

Position from August 1, 2023 at CUHK : Research Professor

### **Career in brief**

#### Qualifications

MBChB (Edin) – 1982

Licensed by Hong Kong Medical Council for Medical Practitioner and Specialist (Pathology)

Doctor of Medicine (by research) (CUHK) - 1992

FHKCPath and FHKAM (1993)

FRCPath (called previously MRCPPath), FRCPA : 1988

FCAP, FFPPathRCPI, MIAC - 1990

Academic career : Worked at CUHK since August 1983, ie for 40 years. Spent my entire career at CUHK - from Lecturer (1983) to Chair Professor (2000).

Chairman of the university Department of Anatomical & Cellular Pathology (1999-2011);  
Chief of Service (a separate Hospital Authority appointment) 1999-2011

Associate Dean (Education) 2004-2019, Faculty of Medicine

Hospital appointment : Honorary Consultant Pathologist at Prince of Wales Hospital since 1990.

Chief of Service of Department of Anatomical & Cellular Pathology, Prince of Wales Hospital – 1999 to 2011

### **Current Hospital service at the Prince of Wales Hospital (PWH) and Hospital Authority (HA)**

Neuropathologist as well as general pathologist. For the former, responsible for all brain tumors, muscle biopsies, brain cuts and CSF cytology.

For the latter, share rosta with about 4-5 senior pathologists at PWH for general surgical pathology and cytology

Responsible for reporting on ALL pediatric brain tumors in the whole of Hong Kong, including those from the Hong Kong Children's Hospital

## **International Recognition**

### **WHO Recognition**

Member of the Consensus Groups : 2007, 2016, 2021 *WHO classification of CNS Tumors*

For the 2021 Classification, only **TEN** pathologists from the world were invited by WHO to be on the Expert Panel.

Invited participation, International Meeting of Tumor Classification, World Health Organization (IARC), May 2023

### **Membership of Editorial Boards** ::

Associate Editor (since 2013), Laboratory Investigation (IF : 5.7)

Associate Editor, Neuro-oncology Advance, a sister journal of Neuro-oncology (IF : 9) , launched in 2019

Editorial Board member of the following journals currently :

Acta Neuropathologica (IF : 17.1)

Neuropathology and Applied Neurobiology (IF : 8.1)

Brain Pathology (6.5)

Pathology (IF 5.3)

Member, International Consortium on Cancer Reporting (ICCR) , CNS, 2022-

## **Awards**

HMRF Excellent Research Award (2021), Department of Health, Hong Kong Government

International Academy of Pathology (IAP), Gold Medal 2006, 2017

(IAP is the largest international organization of pathologists; I am so far the only person who have been awarded gold medal twice)

Education Award (2018), Faculty of Medicine

Second Class Prize, National Science and Technology Award, China, 2010

First Class Prize, Innovation and Technology Award, Shanghai, 2019

Special Award, Hong Kong Division of International Academy of Pathology 2015

Special Award, Chinese Society of Pathology (2004) and Special Award, Chinese Journal of Pathology (2005)

#### Major international positions

Founder, HSBC (Hong Kong and Shanghai Brain Consortium), 2021  
(<https://www.surgery.cuhk.edu.hk/btc/hsbc/>)

Convenor, Asia Pacific Bioethics Education Network, 2018-2020  
<http://www.ome.cuhk.edu.hk/apben/>

Chairman, Education Committee, IAP 2010-2016

Vice President (Asia), International Academy of Pathology (IAP) 1999-2010

Convenor, Assembly of Asia Pacific Divisions of the IAP, 2000-2010

Chairman, Association of Directors of Pathology of China 1999-2013

#### Organizing Committee of major recent international conferences

World Federation of Neuro-oncology, hosted by Korea, March 2022

Brain tumors committee, Annual Conference of European Society of Medical Oncology (ESMO), October 2023

## **Local Recognition**

Chair, Licentiate Exam Subcommittee, Hong Kong Medical Council 2002-2012

Member, Medicine Panel, Research Grants Committee (RGC) of Hong Kong, 2002-2007

Member, Research Assessment Exercise (RAE), RGC 2007

Lead Pathologist, Pediatric Neuro-oncology Group, Hospital Authority of Hong Kong (current)

Invited many times to participate in education of local neuro-surgeons and pediatric neuro-oncologists by the Hospital Authority of Hong

Award : Special Award, Hong Kong Division of the International Academy of Pathology 2015

## **Humanitarian pathology education and service**

I had a big interest in pathology education in the *low resource regions* of the world. As Vice President (Asia) and then Chair of Education Committee of the International Academy of Pathology, I have *organized* pathology education in recent years in many places, including Cuba, Nepal, Cambodia, Vietnam, Sudan and Fiji (provided teachers, courses and raised funding for the courses).

I have personally taught in *Myanmar, Cambodia (x2), Urumqi, Fiji, India (x3) and Philippines (x2)*. I also provided pathology *service* on a consultation basis while I was teaching in these places.

*These efforts have completely ceased in the last three years because of Covid19.*

I actively promoted pathology education in China through the International Academy of Pathology of China as well as Association of Directors of Pathology of China, and trained about 30 fellows for China in the Department.

For these activities in China, I was awarded a *Special Award by the Chinese Society of Pathology (2004)* and a *Special Award by Chinese Journal of Pathology (2005)*

## **Publications:**

**\*\*\* papers with H.K. Ng as Corresponding or Senior Author**

Notes :

*The vast majority of my papers were on **molecular pathology of brain tumors**. Only a small number of papers fell outside this area, and they were mostly concerning support I gave to Neurology and Neurosurgery.*

*Brain tumors are much less common than other cancers, like lung, breast, colorectal, so international collaboration with multi-authors is a common feature in brain tumor publications.*

IF : impact factor (2023) rounded off to one decimal point

1. **\*\*\***Shi ZF, Li KK, Kwan JS, Chung YF, Wong SC, Chu AW, Chen H, Chan DT, Mao Y, Ng HK. The molecular history of IDH-mutant astrocytomas without adjuvant treatment. Brain Pathology, accepted
2. Liu APY, Li BK, Vasiljevic A, Dewan MC, Tamrazi B, Wagner BE, Hansford J, Plaff E, Mynarek M, Ng HK, Gottardo NG, GajarA, Dufour C, Pizer B, Schiff D, Jenkinson MD, Lombardi G, Wen PY, van den Bent M, Huang A. SNO-EANO-EURACAN consensus on management of pineal parenchymal tumors. Neuro-oncology 2024, accepted
3. **\*\*\***Shi ZF, Li KK, Liu AP, Chung YF, Wong SZ, Chen H, Woo PY, Chan DT, Mao Y, **Ng HK**. The molecular landscape of primary CNS lymphoma (PCNSLs) in children and young adults. Cancers 2024 (IF 5.2), PMID 38730692
4. Millward CP, Keshwara S.....(H.K Ng listed under ICOM)....Jenkinson MD. The outcomes measured reported in intracranial meningioma clinical trials : a systematic review. Neuro-oncology Advances (IF 3.5) 2024; PMID 38596717
5. **\*\*\***Liu AP, Chan GC, Chung BH, Yang W, **Ng HK**. Genome-wide DNA methylation profiling for central nervous system embryonal tumours in children : abridged secondary publication. Hong Kong Medical Journal (IF : 3.7) 2024; PMID 38413210

6. \*\*\*Shi ZF, Li KKW, Chan DTM, Mao Y, Ng HK. Alternate lengthening of telomeres (ALT) is seen in a proportion of oligodendrogliomas and is associated with a worse prognosis. *Neuro-oncology Advances* (IF3.5) 2024; PMID 38371225
7. Tyagi IS, Tsui HY, Chen S, Li X, Mat WK, Khan MA, Choy LB, Chan KY, Chan TM, Ng CPS, Ng HK, Poon WS, Xue H. Non-mitotic proliferation of malignant cancer cells revealed through live-cell imaging of primary and cell-line cultures. *Cell Division* (IF 2.3) 2024 ; PMID 38341593
8. \*\*\*Shi ZF, Li KKW, Liu APY, Chung NYF, Chow C, Chen H, Kan NCA, Zhu XL, Chan DTM, Mao Y, Ng HK. Rare pediatric cerebellar high-grade gliomas mimic medulloblastomas histologically and transcriptomically and show p53 mutations. *Cancers* (IF 5.2) 2024; PMID 38201659
9. Tam OCH, Ho RSL, Chan S, Li KKW, Lam TL, Cheung ETY, Cheung OY, Ho WWS, Cheng KKF, Shing MMK, Lu DTL, Chung BHY, Yang W, Chan GCF, Ng HK, Liu APY. Genome-wide DNA methylation profiling as frontline diagnostics for central nervous system embryonal tumors in Hong Kong. *Cancers* (IF 5.2) 2023; PMID 37835574
10. Mu Q, Chai R, Pang B, Yang Y, Liu H, Zhao Z, Bao Z, Song D, Zhu Z, Yan M, Jiang B, Mo Z, Loi SC, Tam SS, Chan AK, Wu AR, Liu Z, Poon WS, Ng HK, Chan DTM, Iavarone A, Nam DH, Jiang T, Wang J. Identifying predictors of glioma evolution from longitudinal sequencing. *Science Translational Medicine* (IF 17.1), 2023, PMID37792958
11. Buckland ME, Sarkar C, Santosh V, Al-Hussaini M, Park SH, Tihan T, Ng HK, Komori T. Announcing the Asian Oceanian Society of Neuropathology (AOSNP) Guidelines for Adapting Diagnostic Approaches for Practical Taxonomy in Resource-Restricted Regions (AOSNP-ADAPTR). *Brain Pathology* (IF 6.4), PMID 37574221
12. Bogumil H, Sill M, Schrimpf H...Ng HK....Sahm F, Sievers P. Glioneuronal tumor with ATRX alteration, kinase fusion and anaplastic features (GTAKA) : a molecularly distinct brain tumor type with recurrent NTRK gene fusions. *Acta Neuropathologica* 2023 (IF 12.7) ; PMID 36933012
13. He Z, Zhu CXL, Chan DTM, Cheung TCY, Ng HK, Mok VCT, Poon WS. Diagnostic accuracy and field for improvement of frameless stereotactic brain biopsy : a focus on non-diagnostic cases. *Journal of Neurological Surgery Part A Central European Neurosurgery* 2024 (IF : 1 ) (PMID 36481998)
14. Yu L, Wang X, Mu Q, Tam SST, Loi DSC, Chan AK, Poon WS, Ng HK, Chan DTM, Wang JG, Wu AR. scONE-seq : a single-cell multi-omics method enables dissection of phenotype and genotype heterogeneity from frozen tumors. *Science Advances* 2023 (IF 15) PMID 36598983

15. **\*\*\* Ng HK**, Li KKW, Chung NYF, Chan JYT, Poon MFM, Wong QHW, Kwan JSH, Poon WS, Chen H, Chan DTM, Shi ZF, Mao Y. Mutational landscapes of longitudinal NF2/22q and non-NF2/22q meningiomas show different life histories. *Brain Pathology* 2023 (IF : 7.6), PMID 36167400
  
16. **\*\*\* Liu EM**, Shi ZF, Li KK, MaltaTM, Chung NY, Chen H, Chan JY, Poon MF, Kwan JS, Chan DT, Noushmehr H, Mao Y, **Ng HK**. Molecular landscape of adult IDHwt TERTwt glioblastomas. *Brain Pathology* 2022 (IF: 7.6) ; PMID 35875721
  
17. Woo PY, Yau S, Lam TC, Pu J, Li LF, Lui L, Chan D, Loong H, Lee M, Yeung R, Kwok C, Au J, Tan TC, Kan A, Chan T, Mak C, Ho J, Cheung KM, Tse T, Lau, Chow J, Al Helali A, Ng HK, Poon WS. Patterns of care and survival of Chinese glioblastoma patients in the temozolomide era : a Hong Kong-population-level analysis over a 14-year period. *Neuro-oncology Practice* (IF : 2.7) ; 2023; PMID 36659973
  
18. **\*\*\*Liu APY**, Li KK, Chow C, Chan S, Leung AW, Shing MM, To KF, Chan DT, Foulkes WD, Chan GCF, **Ng HK**. Expanding the clinical and molecular spectrum of pituitary Blastoma. *Acta Neuropathologica* 2022 (IF: 17.1; Rank in PATHOLOGY: 2 of 77; Citations: 0) 2022 Mar;143(3):415-417; PMID 35129635
  
19. Hendrikse LD, Haldipur P, Saulnier O....**Ng HK**....Suzuki H, Millen K, Taylor MD. Failure of differentiation of the human split rhombic lip subventricular zone constitutes Group 4 medulloblastoma. *Nature* 2022 (IF: 50), PMID 36131014
  
20. Lai HM, Tang Y, Lau ZYH, Campbell RAA, Yau JCN, Chan DCM, Wong HKT, Yan LYC, Wu WKK, Wong SH, Kwok KK, Wing YK, Ng HK. Mrsic-Flogel TD, Mok VCT, Chan JYK, Ko H. Antibody thermostabilisation for accelerated deep immunostaining. *Nature Methods* 2022 (IF: 28.5), PMID 36050489
  
21. **\*\*\*Shi ZF**, Li KK, Huang QJ, Wang WW, Kwan JS, Chen C, Liu XZ, Li WC, Chan DT, Zhang ZY, Mao Y, **Ng HK**. Molecular landscape of IDHwt H3wt adolescent and young adult (AYA) glioblastoma. *Neuropathology and Applied Neurobiology* (IF: 8.1; Rank in PATHOLOGY: 4 of 77; Citations: 0) 2022 Jun;48(4):e12802; PMID 35191072
  
22. **\*\*\*Chan AK**, Shi ZF, Li KK, Wang WW, Chen H, Chung NY, Chan DT, Poon WS, Loong HH, Liu XZ, Zhang ZY, Mao Y, **Ng HK**. Combinations of single-gene biomarkers can precisely stratify 1,028 adult gliomas for prognostication. *Frontiers in Oncology* (IF: 6.2) 2022 Apr 26;12:839302; PMID 35558510
  
23. **\*\*\*Hong L**, Shi ZF, Li KK, Wang WW, Yang RR, Kwan JK, Chen H, Li FC, Liu XZ, Chan DT, Li WC, Zhang ZY, Mao Y, **Ng HK**. Molecular landscape of pediatric type IDH

- wildtype, H3 wildtype hemispheric glioblastomas. *Laboratory Investigation* (IF: 5.7; Rank in PATHOLOGY: 11 of 77; Citations: 0) 2022 Mar 24; PMID 35332262
24. Chan HS, Ng HK, Chan AK, Cheng SH, Chow C, Wong N, Wong GK. Establishment and characterization of meningioma-derived organoid. *Journal of Clinical Neuroscience* (IF: 2.0; Rank in NEUROSCIENCES: 235 of 273; Citations: 0) 2021 Dec;94:192-199; PMID 34863437
  25. Islim AI....ICOM (H K Ng is listed here in paper and pubmed). External validation and recalibration of an incidental meningioma prognostic model – IMPACT: protocol for an international multicentre retrospective cohort study. *BMJ Open* (IF: 2.7; Rank in MEDICINE, GENERAL & INTERNAL: 64 of 167; Citations: 0) 2022 Jan 18;12(1):e052705; PMID 35042706
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  27. Millward CP,, ICOM (H K Ng listed here). Development of “core outcome sets” for meningioma in clinical studies (The COSMIC Project): protocol for two systematic literature reviews: eDelphi surveys and online consensus meetings. *BMJ Open* (IF : 2.7; Rank in MEDICINE, GENERAL & INTERNAL: 64 of 167; Citations: 0) 2022 May 9;12(5):e057384; PMID 35534067
  28. Ng JKM, Choi PCL, Chow Chit, Li JJ, Chan AWS, Cheung CMT, Ip ECC, Ng HK, To KF. PRAME immunostain expression in sebaceous lesions, cutaneous carcinomas and adnexal structures. *Pathology* (IF: 5.3) 2022 May 26;S0031-3025(22)00139-8; PMID 35644638
  29. \*\*\*McLendon RD, Yachnis AT, Miller CR, Ng HK. Central nervous system tumor classification: an update on the integration of tumor genetics. *Hematology and Oncology Clinics of North America* (IF: 3.7; Rank in ONCOLOGY: 34 of 76; Citations: 0) 2022 Feb;36(1):1-21; PMID 34763992
  30. Islim AI et al. (H K Ng is listed under International Consortium of meningiomas in paper and pubmed) External validation and recalibration of an incidental meningioma prognostic model. *BMJ Open* (IF : 2.7; Rank in MEDICINE, GENERAL & INTERNAL: 64 of 167; Citations: 0) 2022;12:e052705
  31. Khan S, Solano-Paez P, Suwal T, Lu M.....Ng HK.....Bouffet E, Huang A. Clinical phenotypes and prognostic features of ETMRs (Embryonal Tumor with Multi-layered Rosettes) a new CNS tumor entity:a Rare Brain Tumor Registry study. *Lancet Child & Adolescent Health* (IF: 11.3; Rank in PEDIATRICS: 2 of 129; Citations: 2) 2021 Nov;5(11):800-813; PMID 34599879



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33. Liu AP, Li BK, Pfagg E, Gudenas B.....Ng HK.....Northcott P, Jones DTW, Huang A. Clinical and molecular heterogeneity of pineal parenchymal tumors: a consensus study. *Acta Neuropathologica* (IF: 17.1; Rank in PATHOLOGY: 2 of 77; Citation: 0) 2021; 141:771-785
34. Nassiri F, Wang JZ, Singh O, Karimi S, Dalcourt T, Ijad N, Pirouzmand N, Ng HK, Saladino A, Pollo B, Dimeco F, Yip S, Gao A, Aldape K, The International Consortium of Meningiomas, Zadeh G. Loss of H3K27me3 in meningiomas. *Neuro-oncology* (IF: 12.3) 2021; 23:1281-91
35. \*\*\*Wong QH, Li KK, Wang WW, Malta TM, Noushmehr H, Gabrovskaya Y, Jones C, Chan AK, Kwan JS, Huang QJ, Wong GC, Li WC, Liu XZ, Chen H, Chan DT, Mao Y, Zhang ZY, Shi ZF, Ng HK. Molecular landscape of IDH mutant primary glioblastoma. *Modern Pathology* (IF: 7.8; Rank in PATHOLOGY: 6 of 77; Citation: 1) 2021; 34:1245-60
36. Yang RR, Li KK, Zhang ZY, Chan AK, Wang WW. Chan DT, Li WC, Liu XZ, Li FC, Chen H, Ng HK, Mao Y, Shi ZF. Mismatch repair proteins PMS2 and MLH1 can further refine molecular stratification of IDH-mutant lower grade astrocytomas. *Clinical Neurology Neurosurgery* (IF: 1.9) 2021; 208:106882; PMID 34428613
37. Skowron P, Farooq H, Cavalli FM...Ng HK.....Taylor MD. The transcriptional landscape of Shh medulloblastoma. *Nature Communications* (IF: 14.9; Rank in MULTIDISCIPLINARY SCIENCES: 4 of 73; Citation: 1) 2021; 18:1749
38. \*\*\*Yang RR, Li KK, Liu PY, Chen H, Chung NY, Chan AK, Li FC, Chan DT, Mao Y, Shi ZF, Ng HK. Low-grade BRAF V600E mutant oligodendroglioma-like tumors of children may show EGFR and MET amplification. *Brain Pathol.* (IF: 6.5; Rank in PATHOLOGY: 8 of 77; Citation: 0) 2021; 31:211-214
39. Yan J, Zhang S, Li KK, Wang W, Li K, Duan W, Yuan B, Wang L, Liu L, Zhan Y, Pei D, Zhao H, Sun T, Sun C, Wang W, Liu Z, Hong X, Wang X, Guo Y, Li W, Cheng J, Liu X, Ng HK, Li Z, Zhang Z. Incremental prognostic value and underlying biological pathways of radiomics patterns in medulloblastoma. *EBioMedicine* (IF: 8.1; Rank in MEDICINE, RESEARCH & EXPERIMENTAL: 17 of 140; Citation: 1) 2020; 61:103093
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## **Invited Lectures at International and National Conferences in recent years :** (\*\*Keynote lecturer of the conference)

### A. Lectures outside Asia

1. “Methylation profiling : hype or progress” European Congress of Medical Oncology (EMSO) , Madrid, October 2023
2. \*\*\*“Building bioethics education in Asia Pacific – why we need to work together” – Third Asia Pacific Bioethics Education Network Conference, online, hosted in Melbourne, May 2021
3. “Molecular tools and methods in brain tumor diagnosis” European Congress of Pathology, December 2020, online hosted in Glasgow
4. “Algorithm of brain tumor molecular diagnostics”. Third Molecular Pathology Course, Griffith University Goldcoast, May 2019
5. Short course. “Diagnosis and molecular pathology of pediatric gliomas”. European Congress of Pathology, Bilbao, Spain, September 2018
6. “Molecular pathology of brain tumors”, Molecular Pathology Course, Griffith University, Gold Coast, Australia, February, 2018
7. “Challenges of neuro-oncology in adolescents/young adults” – 12<sup>th</sup> European Association of Neuro-oncology. October 2016, Heidelberg/Mannheim, Germany
8. “To go or not to go ? Is this a question any more ?” Annual Meeting of the United States and Canadian Academy of Pathology , March 2016, Seattle
9. “Mistakes in Surgical Neuropathology”, European Congress of Neuropathology, September 2015, Belgrade
10. “WHO needs neuropathologists” and “Molecular pathology of brain tumours”. Ninth Asia Pacific Congress of the International Academy of Pathology, June 2015, Brisbane
11. “Pathologie sans frontieres” United States and Canadian Academy Annual Meeting, March 2015, Boston
12. “Reporting molecular findings in routine practice, with reference for the 2016 WHO classification update” European Congress of Pathology, September 2014, London

13. “Does pathology suffer in an integrated medical curriculum – views from the Far East ?” European Congress of Pathology, September 2013, Lisbon
14. Workshop on “Non-histopathological diagnosis of brain tumours” (co-speaker), Tenth European Congress of Neuropathology, Edinburgh, June 2012
15. “Miss and near-miss in surgical neuropathology” – European Congress of Pathology, Helsinki, August 29, 2011
16. “Surgical Pathology of Infectious Diseases of the Nervous System” and “Neuropathology Slide Seminar” – Centennial Congress of the International Academy of Pathology, September 16-21, 2006, Montreal
17. “Practical classification and grading of meningiomas” – European Congress of Pathology, Paris, September 1-3, 2005
18. “Neuropathology Slide Seminar” – XXV International Congress of the International Academy of Pathology, October 10-15, 2004, Brisbane

## B. Lectures in Asia

1. “The molecular history of IDH mutant astrocytomas without temozolomide treatment” and “Methylation profiling of brain tumors, pros and cons” at ASNO (Asian Society of Neuro-oncology) (workshop), August 2024, Singapore
2. “Methylation profiling for brain tumors – pros and cons” - Thirteenth meeting of China, Taiwan and Hong Kong Neuroscience, April 20, 2024, Macau
3. “Methylation profiling for brain tumors – pros and cons”. Asian Society of Neuro-oncology, Singapore, August 2024
4. “Methylation profiling for brain tumors, pros and cons” International Conference on pediatric brain tumors, Taipei, December 2023
5. “Can one do WHO 2021 by IHC ? The answer is yes and no” – Asia Pacific IAP 13<sup>th</sup> Conference, online hosted in Kuala Lumpur, June 2023
6. “IDH mutant gliomas, the unresolved pathology issues”, International Brain Tumor Conference hosted by SingHealth and National University of Singapore, hybrid, October 2023
7. “IDH mutant gliomas” (online) World Federation of Neuro-oncology, hosted in Seoul, March 2022
8. \*\*\*“Medulloblastoma, an update” Surgical Pathology Conference (online) hosted at Abu Dhabi Medical Centre, May 2022
9. “Are the WHO molecular criteria for low grade gliomas robust ?” (online) – Asian Low Grade Glioma Conference, February 2022, hosted in Bangkok
10. \*\*\*“WHO 2021 Classification of CNS tumors” Asian Oceania Congress of Neuropathology, September 2021, online, hosted in Bangalore
11. \*\*\*“WHO 2021 Classification of CNS tumors”, Joint conference of Society of Neuro-oncology (USA)-Chinese SNO, online, April, 2021
12. \*\*\*“WHO 2021 classification of CNS tumors”, Conference of the Asia Pacific Assembly of Pathology, online hosted in Singapore, due to Covid19, May 2021
13. “WHO 2021 classification of pediatric gliomas”, Hospital Authority Pediatric Hematology and Oncology Group, Hong Kong, November 2020
14. \*\*\*“How do you do molecular brain pathology in a restricted resource laboratory?” Annual Conference of the Hong Kong Division of the International Academy of Pathology, October, 2020, Hong Kong
15. \*\*\*“How WHO will likely classify pediatric low grade gliomas” Joint meeting of Society of Neuro-oncology (USA) and Chinese Society of Neuro-oncology, online, March 2020
16. Workshop (together with Shekhar Kumta, Department of Orthopedics and Traumatology, CUHK and Dominique Martin, Deakin University) – Bioethics Education in Asia Pacific :

- Asia Pacific Medical Education Conference, Singapore, January 2020
17. How molecular pathology changed the practice of brain tumour diagnosis in Annual Conference of China Cancer Society, Guangzhou, November, 2019
  18. \*\*\*“The times they are a-changin. How molecular pathology changed practice of brain tumor diagnosis”. Asian Society of Neuro-oncology, Taipei, September 2019
  19. \*\*\*“The times they are a-changin. How molecular pathology changed practice of brain tumor diagnosis”. Annual meeting of Hong Kong Division of the International Academy of Pathology, April 2019, Hong Kong
  20. “The times they are a-changin. How molecular pathology changed practice of brain tumor diagnosis”. Annual Meeting of Chinese Society of Neuropathology, March 2019, Shenzhen
  21. “Workshop on professionalism in medical education” Asian Pacific Medical Education Conference, Singapore, Jan 2019
  22. “Gliomas, the good, the bad and the ugly” International Congress of Neurosurgeons, Hua Shan Hospital, Fudan University, Shanghai, December 2018
  23. “Are all IDH wt lower grade gliomas glioblastomas in disguise?” Annual Meeting of Guangdong Society of Oncology, Guangzhou, December 2018
  24. \*\*\*“Smear diagnosis in brain tumors?” and “What WHO2016 can do more for adult gliomas?” 14<sup>th</sup> Meeting of the Philippine Society of Pathology, Clark, November, 2018
  25. \*\*\*“Surgical Neuropathology” Hong Kong Division of International Academy of Pathology, Hong Kong, November 2018
  26. “Can pediatric low grade gliomas be diagnosed by histology alone ?” Asian Congress of Neuro-oncology, Beijing, October 2018
  27. “Can pediatric low grade gliomas be diagnosed by histology alone ?” Chinese Congress of Pediatric Neuro-oncology, Haikou, June 2018
  28. “Are IDH wt lower grade gliomas glioblastomas in disguise ?” International Congress of Neuropathology, Tokyo, October, 2018
  29. \*\*\*“Can Pediatric gliomas be adequately diagnosed by histology ?” Annual Meeting of Chinese Society of Neuropathology, Fuzhou, May, 2018
  30. \*\*\*“Can pediatric low-grade gliomas really be diagnosed by histology ?” Joint Meeting of Society of Neuro-oncology (USA) and Chinese Society of Neuro-oncology, Guangzhou, March 2018
  31. \*\*Brain tumor course. Annual Meeting of Pakistan Division of the International Academy of Pathology, Lahore, April, 2018
  32. Title to be determined. 10<sup>th</sup> Annual Meeting of Indian Society of Neuro-oncology, April 5-8, 2018. Dehli
  33. Workshop “Professionalism in Practice” (jointly with Shekhar Kumta). 15<sup>th</sup> Asia Pacific Medical Education Conference, Singapore, January, 2018
  34. “Can pediatric low grade gliomas be diagnosed by histology” International Brain Tumor Symposium, November 2017, Taipei
  35. “Trainee course on brain tumors. Hong Kong Division of International Academy of Pathology, November, Hong Kong, November 2017
  36. Quality Assurance of Internship Training in Hong Kong” – 16<sup>th</sup> Conference of the Medical Education Association of China, Taiwan and Hong Kong, October 2017, Taipei
  37. \*\*\*“Can molecular pathology supersede histology in diagnosing brain tumors ?”, as First Keynote Speaker, 10<sup>th</sup> Asia Pacific International Academy of Pathology Conference, April 2017, Bali
  38. “Can molecular pathology supersede histology in diagnosing brain tumors ?” Chinese Pathologist Association Annual Meeting, March 2017, Beijing
  39. “Basic principles of brain tumor diagnosis”. International Academy of Pathology (IAP) Workshop, January 2017, Phnom Penh
  40. “Young adult glioblastoma” International Brain Tumor Symposium, Taipei Medical University, December 2016, Taipei

41. “WHO Classification 2016” Asia Pacific Society of Neuro-immunohistochemistry, December 2016, Taipei
42. “Practical molecular diagnosis of brain tumors” – National Neuropathology Course, Fudan University, August 2016, Shanghai
43. “Protocols of pediatric brain tumor diagnosis” Pediatric Oncology Symposium, Hong Kong University, Binhai Hospital, June 2016, Shenzhen
44. “WHO Classification 2016” – National meeting of Neuropathology of Chinese Society of Pathology, April 2016, Xiamen
45. “WHO Classification 2016” – International Glioma Conference, Fudan University, May 2016, Shanghai
46. “WHO classification 2016” – International Pediatric-Neuro-oncology Conference, Taipei Medical University, April 2016, Taipei
47. “WHO Classification 2016” Joint Meeting of Society of Neuro-oncology (SNO)(USA) and Chinese Society of Neuro-oncology, March 2016, Guangzhou
48. \*\*“What everyone needs to know for molecular pathology of brain tumors” Hospital Authority Commissioned Training for Neuro-oncology, January 2016, Hong Kong
49. “WHO 2016 classification of brain tumors” Pathology Workshop organized by International Academy of Pathology, January 2016, Yangon
50. “WHO 2016 classification of brain tumor” Annual Meeting of the Guangdong Neuro-Oncology Society, November 2015, Dongguan
51. “Molecular Brain Tumor diagnosis” National Neuro-oncology course, Hua Shan Hospital, Fudan University, April 2015, Shanghai
52. \*\*“Pediatric Brain Tumors” Neuropathology Workshop, Chinese Division of International Academy of Pathology, April 2015, Beijing
53. “WHO needs neuropathologists ?” Combined meeting of Society of Neuro-oncology (SNO) (USA) and Chinese Society of Neuro-oncology (CSNO) , March 13-15, 2015, Guangzhou
54. “Molecular Pathology of Lower Grade Gliomas”, National Neuro-oncology Course, Chinese Society of Neuro-oncology, November 2014, Guangzhou
55. “Molecular pathology of lower grade gliomas” – Third Congress of the Asian Society of Neuropathology, November 2014, Seoul
56. “Molecular typing of paediatric brain tumors in routine histology laboratories – a project supported by Children Cancer Foundation” Annual Scientific Meeting of Paediatric Haematology and Oncology Group, Hospital Authority, September 2014, Hong Kong
57. ““What paediatric oncologists need to know from the pathology reports of brain tumors?” 45<sup>th</sup> Congress of the International Society of Paediatric Oncology (SIOP), September 2013, Hong Kong
58. WHO 2016 – oligodendroglial tumors and mixed gliomas” and “Slide seminar in neuropathology ?” 30<sup>th</sup> International Congress of the International Academy of Pathology, October 2014, Bangkok
59. “The next WHO classification” National Neuro-oncology Workshop, April 2014, Shanghai
60. “Back to the future. The next WHO”. 18<sup>th</sup> Convention of the Academia Eurasiana Neurochirurgica (AEN), March 2014, Hong Kong
61. \*\*Course director & speaker, Neuropathology II, International Academy of Pathology and Association of Directors of Pathology of China, September 2013, Hong Kong
62. \*\*Conference chair. Joint Conference of the Journal of Pathology and Histopathology and Association of Directors of Pathology of China, October 2013, Shenzhen,
63. “The molecular classification of medulloblastoma”, Eighth Congress of the Asia Pacific International Academy of Pathology (APIAP), Busan, September 2013
64. “Biomarkers for oligodendrogliomas. 1p19q and beyond” Annual Meeting of the Chinese society of Neuro-oncology, August 2013, Kunming
65. “Brainstem glioma” – Commissioned training lecture for Neurosurgery, Hospital Authority of Hong Kong. January 2014, Hong Kong
66. “Surgical neuropathology”, First Pacific Pathology Symposium, organized by the Royal College



- of Pathologists of Australasia and the Australian Division of the International Academy of Pathology, Suva, April, 2013
67. “What neurosurgeons and neuro-oncologists need to know for the IHC of pathology reports”. International Symposium of Paediatric Neuro-oncology, Taipei Veterans General Hospital, Taipei, March, 2013
  68. “microRNA and the pathogenesis of medulloblastoma” – Joint conference of Association of Neuro-oncology (SNO)(USA) and Chinese Association of Neuro-oncology, Shenzhen, March 16, 2013
  69. “Immunohistochemistry in surgical neuropathology” – Pathology Course organized by the International Academy of Pathology, Manila, December 2012
  70. “An update of medulloblastoma” – Pathology Workshop by Cleveland Clinic. December 2012, Guangzhou
  71. “Immunohistochemistry in surgical neuropathology” Pathology course organized by the International Academy of Pathology. Phnom Penh, November, 2012
  72. “Slide seminar in surgical neuropathology” – Pathology Course organized by International Academy of Pathology, August, 2012, Urumuqi
  73. Workshop on “Molecular Pathology of Brain Tumours” (Central “Commissioned” Training) by the Hospital Authority, Hong Kong, together with Dr Stephen Yip, Vancouver, Hong Kong, May 25-26, 2012
  74. “An update of medulloblastoma” – Inauguration ceremony of State Key Clinical Centre of Neurosurgery, Xiangya Hospital, Changsha, January 2012
  75. “Neuro-muscular pathology” – Annual Meeting of Shenzhen Society of Pathology, Shenzhen, December 23, 2011
  76. “Molecular Pathology of Medulloblastoma”, Fourth Annual Meeting of Neuro-oncology of Veterans Hospital, Taipei, November 30-Dec 1, 2011
  77. \*\*“Molecular Pathogenesis of Medulloblastoma”, Second Congress of Asian Society of Neuropathology, Beijing, November 5-6, 2011
  78. “Molecular Pathogenesis of Medulloblastoma”, Annual Meeting of Guangdong Society of Neuro-oncology, Huizhou November 29, 2011
  79. “Advances in Molecular diagnostics in neuro-oncology”, Eighth Congress of the Asian Society of Neuro-Oncology, May, 2011, Suzhou
  80. “How should a national pathology service make use of advances in molecular neuropathology ?” and “Pathology Education without national boundaries” - Seventh Congress of Asia Pacific International Academy of Pathology, May 21-24, 2011, Taipei
  81. \*\*“Molecular pathogenesis of medulloblastoma” and “Pathology of non-criminal Head Injury” – National Neuropathology Meeting, April 2011, Chongqing
  82. “Recent advances in medulloblastoma” – International Paediatric Tumour Conference, December 18, 2010, Taipei
  83. \*\*Course director and speaker, Neuropathology I, organized by the International Academy of Pathology, January 2011, Hong Kong
  84. \*\*“How pathologists need to do respond to the impact of molecular diagnostics ? Lessons from neuron-oncology” and Slide Seminar lectures, Annual Meeting of the Indian Division of International Academy of Pathology, Hyderabad, December 9-10, 2010
  85. “WHO classification with relevance to Paediatric Tumours” – Asian Australian Advanced Course on Paediatric Neurosurgery (Sponsored by European Society of Pediatric Neurosurgery and World Federation of Neurosurgery), September 22-24, 2010, Hong Kong
  86. \*\*“Quality Assurance of Interns” – Twelfth meeting of the Medical Education Association of China, Taiwan and Hong Kong. November 18-22, 2009, Naning
  87. “Are there better ways to make use of molecular pathology of brain tumours ?” International Symposium of Pediatric Neuro-oncology, Taipei, October 31-Nov1, 2009
  88. “Controversies in molecular testing for brain tumours” – Third Conjoint Meeting of Shanghai Cancer Hospital and MD Anderson Cancer Hospital, Shanghai, June 5-6, 2009

89. “2007 WHO Classification of CNS tumours – views from one participant” – The Sixth Asia Pacific International Academy of Pathology Meeting, August 20-23, 2009, Kochi
90. “An update on molecular diagnostics of brain tumours” – First Congress of Asian Society of Neuropathology, Tokyo, May 20-22, 2008
91. “The 2007 WHO classification of CNS tumours” and “Molecular Diagnosis of brain tumours” – The Fifth Asia Pacific Meeting of the International Academy of Pathology, May 27-29, 2007, Singapore
92. \*\*\*“The 2007 WHO classification of CNS tumours – some preliminary views”. The T.B. Teoh Lecture of the Annual Meeting of the Hong Kong College of Pathologists, Hong Kong, November 25, 2006
93. “Ependymomas. The 2007 WHO classification” – 2006 Conference of Asia Academic Neurosurgeons, Shanghai, November 10-11, 2006
94. “Molecular genetics of oligodendrogliomas” – Fourth Meeting of the Asian Society of Neuro-oncology, October 2005, Taipei
95. “Molecular pathology of brain tumors” – Fourth Asia Pacific International Academy of Pathology Meeting, August 22-26, Beijing
96. “Meningiomas, types, grading genetics and differential diagnosis” – XXV International Congress of the International Academy of Pathology, October 10-15, 2004, Brisbane
97. “What Neurosurgeons Need to know about molecular genetics of brain tumours” – Third Meeting of the Asian Society of Neuro-oncology, Shanghai, November 18-21, 2004