

Surname : Ng
Name : Ho Keung
Sex : male

This CV concentrates mostly on the last ten years only and does not fully capture 39 years of service at CUHK (Chinese University of Hong Kong).

CV is update for *March 2023*

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

Career in brief

Degrees : MBChB (Edin) - 1982, Doctor of Medicine (by research) (CUHK), FRCPath, FRCPA, FCAP, FFPPathRCPI, MIAC, FHKCPath

Academic career : Worked at CUHK since August 1983, ie for 39 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

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. Honorary Consultant, NTEC.

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.

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 : 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

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 (2022) rounded off to one decimal point

1. 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 16) ; PMID 36933012
2. 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
3. ***** 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* 2022 (IF : 7.6), PMID 36167400
4. ***** 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
5. Woo P, 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, Helali, 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* 2023; PMID 36659973
6. *****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
7. 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
8. 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
9. *****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

10. *******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
11. *******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
12. 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
13. 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
14. Varn FS, Johnson KC.....GLASS (H K Ng is listed here in paper and pubmed). Glioma progression is shaped by genetic evolution and microenvironment interactions. *Cell* (IF: 41.6) 2022 May 24;S0092-8674(22)00536-0; PMID 35649412
15. 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
16. 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
17. *******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
18. 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

19. 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

20. Louis DN, Perry A, Wesseling P, Brat D, Cree I, Figarella-Branger D, Hawkins C, Ng HK, Pfister S, Reifenberger G, Soffieti R, von Deimling A, Ellison DW. The 2021 WHO Classification of Tumors of the Central Nervous System: a summary. *Neuro-oncology* (IF: 12.3) 2021; 23:1231-1251

21. Liu AP, Li BK, Pfaag 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

22. 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

23. ***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

24. 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

25. 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

26. ***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

27. 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

28. Chen X, Fan Z, Li KK, Wu G, Yang Z, Gao X, Liu Y, Wu H, Chen H, Tang Q, Chen L, Wang Y, Mao Y, Ng HK, Shi Z, Yu J, Zhou L. Molecular subgrouping of medulloblastoma based on few-shots learning of multitasking using conventional MR images: a retrospective multicenter study. *Neuro-oncology Advances* 2020; 2; PMID32760911
29. *******Yan J, Liu L, Wang W, Zhao Y, Li KK, Wang L, Yuan B, Geng H, Zhang S, Liu Z, Duan W, Zhan Y, Pei D, Zhao H, Sun Tao, Sun C, Wang W, Hong X, Wang X, Guo Y, Li W, Cheng J, Liu X, **Ng HK** (co-corresponding), Li ZC, Zhang Y. Radiomic features from multi-parameter MRI combined with clinical parameters predict molecular subgroups in patients with medulloblastoma. *Frontiers in Oncology* (**IF: 6.2**; Rank in ONCOLOGY: 62 of 242; Citation: 2) 2020; 10:558162
30. Nobre L, Zapotocky M, Khan S.....Ng HK..... Taylor MD, Bouffet E, Ramaswamy V. *Cell Reports Medicine* (Citation: 1) 2020; 1:100038
31. Louis DN, Wesseling P..... Ng HK.... Ellison DW. cIMPACT-update (2020): new entity and diagnostic principle recommendations of the cIMPACT-Utrecht meeting on future CNS classification and grading. *Brain Pathology* (**IF: 6.5**; Rank in PATHOLOGY: 8 of 77; Citation: 93) 2020; 30:844-56
32. Clarke M, Mackay A,...Ng HK, ...Jones C. Infant high grade gliomas comprise multiple subgroups characterised by novel targetable gene fusions and better survivals. *Cancer Discovery* (**IF: 39.3**; Rank in ONCOLOGY: 6 of 242; Citation: 28) 2020;10:942-63
33. Liu APY, Liu Q, Shing MMK, Ku DTL, Fu E, Luk CW, Ling SC, Cheng KKF, Kwong DLW, Ho WWS, Ng HK, Gajjar A, Yasui Y, Chan GCF, Armstrong GT. Incidence and Outcomes of CNS Tumors in Chinese Children: Comparative Analysis With the Surveillance, Epidemiology, and End Results Program. *JCO Global Oncology* (Citation: 1) 2020; 6:704-721
34. *******Bergstresser S, Ghias K, Lane S, Lau WM, Hwang IS, Ngan O, Klitzman RL, **Ng HK**. What does it mean to be local? The importance of local relevance and resonance for bioethics education in the Asia Pacific region. *Asian Bioethics Review* (Citation: 2) 2020; 12 :173-194
35. Falkenstein F, Gessi M, Kandels D, Ng HK, Schmidt R, Warmuth-Metz M, Bison B, Krauss J, Kortmann RD, Timmermann B, Thomale UW, Albert MH, Pekrun A, Maab E, Gmelpw AK, Pietsch T. Prognostic impact of distinct genetic entities in pediatric diffuse glioma WHO-Grade II-Report from the German/Swiss SIOP-LGG 2004 cohort. *International Journal of Cancer* (**IF: 7.4**; Rank in ONCOLOGY: 42 of 242; Citation: 3) 2020;147:2159-75
36. *******Wong GC, Li KK, Wang WW, Liu AP, Huang QJ, Chan AK, Poon MF, Chung NY, Wong QH, Chen H, Chan DT, Liu XZ, Mao Y, Zhang ZY, Shi ZF, **Ng HK**. Clinical and mutational profiles of adult medulloblastoma groups. *Acta Neuropathol Commun* (**IF: 7.8**; Rank in NEUROSCIENCES: 28 of 273; Citation: 2) 2020; 8:191

37. Barthel FP, Johnson KC,...Ng HK, Stead LF, Verhaak R, GLASS Consortium. Longitudinal molecular trajectories of diffuse gliomas in adults. *Nature* (IF: 50; Rank in MULTIDISCIPLINARY SCIENCES: 1 of 73; Citation: 86) 2019; 576:112-120
38. Suzuki H, Kumar SA, Shuai S....Ng HK....Stein L, Taylor MD. Recurrent non-coding U1-snRNA mutations drive cryptic splicing in Shh medulloblastomas. *Nature* (IF: 50; Rank in MULTIDISCIPLINARY SCIENCES: 1 of 73; Citation: 52) 2019; 574:707-11
39. Nassiri F, Aldape K...Ng HK...Wick W, Zadeh G. Highlights of the inaugural ten - the launch of Neuro-Oncology Advances. *Neuro-oncology Advances* 2019; 1 PMID 32642652
40. *******Sim JH, Ngan OM, **Ng HK**. Bioethics education in medical programme among Malaysian medical schools. Where are we now? *Journal of Medical Education and Curriculum Development* (Citation: 2) 2019; 6, PMID31832540
41. *******Yang RR, Shi ZF, Zhang ZY, Chan AK, Aibaidula A, Wang WW, Kwan JS, Poon WS, Chen H, Li WC, Chung NY, Punchhi G, Chu WC, Chan IS, Liu XZ, Mao Y, Li KK, **Ng HK**. IDH-mutant lower-grade astrocytomas can be stratified for risk by CDKN2A, CDK4 and PDGFRA copy number alterations. *Brain Pathology* (IF: 6.5; Rank in PATHOLOGY: 8 of 77; Citation: 15) 2020; 30:541-553
42. *******Li KK, Shi ZF, Malta T, Chan AK, Cheng S, Kwan JS, Yang RR, Poon WS, Mao Y, Noushmehr H, Chen H, **Ng HK**. Identification of subsets of IDH-mutant glioblastoma with distinct epigenetic and copy number alterations and stratified clinical risk. *Neuro-oncology Advances* 2019; 1: vdz015, PMID31667475
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45. *******Shi ZF, Li KKY, Aibaidula A, Tang Q, Bao Y, Mao Y, Chen H, **Ng HK**. Whole exome sequencing revealed mutational profiles of giant cell glioblastoma. *Brain Pathology* (IF: 6.5; Rank in PATHOLOGY: 8 of 77; Citation: 3) 2019; 29:782-792
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338. *****Ng HK, Tse CCH, Lo STH.** Ependymomas - an immunohistochemical study of fourteen cases. *Histopathology* (IF: 3.5) 1988; 13:462-5
339. *****Ng HK, Poon WS, South JR, Lee JCK.** Tumours of the central nervous system tumours in Chinese in Hong Kong. A histological review. *Australian and New Zealand Journal of Surgery* (IF: 1.0) 1988; 58:573-8
340. *****Ng HK, Lo STH.** Immunohistochemical diagnosis of central nervous system tumors on smear preparations. *European Neurology* (IF: 1.3) 1988; 28:142-5
341. *****Ng HK, Lo STH.** Immunostaining for α -1-antitrypsin and α -1-antichymotrypsin in gliomas. *Histopathology* (IF: 3.5) 1988; 12:79-89
342. *****Ng HK, Poon WS, Poon YF, South JR.** Intracranial olfactory neuroblastomas mimicking carcinomas. *Histopathology* (IF: 3.5) 1988; 12:393-404
343. *****Ng HK, Tse CCH, Lo STH.** Haemangiopericytic meningiomas are epithelial membrane antigen negative. *Pathology* (IF: 3.1) 1988; 20:90
344. *****Ng HK, South JR.** Supratentorial neurofibroma unassociated with cranial nerves. *Australian and New Zealand Journal of Surgery* (IF: 1.0) 1988; 58:594-7
345. *****Ng HK, Tse CCH, Lo STH.** Meningiomas and arachnoid cells, an immunohistochemical study of epithelial markers. *Pathology* (IF: 3.1) 1987; 19:253-7

Invited Lectures at International and National Conferences in recent years : (**Keynote lecturer of the conference)

A. Lectures outside Asia

1. ***“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
2. “Molecular tools and methods in brain tumor diagnosis” European Congress of Pathology, December 2020, online hosted in Glasgow
3. “Algorithm of brain tumor molecular diagnostics”. Third Molecular Pathology Course, Griffith University Goldcoast, May 2019
4. Short course. “Diagnosis and molecular pathology of pediatric gliomas”. European Congress of Pathology, Bilbao, Spain, September 2018
5. “Molecular pathology of brain tumors”, Molecular Pathology Course, Griffith University, Gold Coast, Australia, February, 2018
6. “Challenges of neuro-oncology in adolescents/young adults” – 12th European Association of Neuro-oncology. October 2016, Heidelberg/Mannheim, Germany
7. “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
8. “Mistakes in Surgical Neuropathology”, European Congress of Neuropathology, September 2015, Belgrade
9. “WHO needs neuropathologists” and “Molecular pathology of brain tumours”. Ninth Asia Pacific Congress of the International Academy of Pathology, June 2015, Brisbane
10. “Pathologie sans frontieres” United States and Canadian Academy Annual Meeting, March 2015, Boston
11. “Reporting molecular findings in routine practice, with reference for the 2016 WHO classification update” European Congress of Pathology, September 2014, London
12. “Does pathology suffer in an integrated medical curriculum – views from the Far East ?” European Congress of Pathology, September 2013, Lisbon
13. Workshop on “Non-histopathological diagnosis of brain tumours” (co-speaker), Tenth European Congress of Neuropathology, Edinburgh, June 2012
14. “Miss and near-miss in surgical neuropathology” – European Congress of Pathology, Helsinki, August 29, 2011
15. “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
16. “Practical classification and grading of meningiomas” – European Congress of Pathology, Paris, September 1-3, 2005
17. “Neuropathology Slide Seminar” – XXV International Congress of the International Academy of Pathology, October 10-15, 2004, Brisbane

B. Lectures in Asia

1. “Can one do WHO 2021 by IHC ? The answer is yes and no” – Asia Pacific IAP 13th Conference, online hosted in Kuala Lumpur, June 2023
2. “IDH mutant gliomas, the unresolved pathology issues”, International Brain Tumor Conference hosted by SingHealth and National University of Singapore, hybrid, October 2023
3. “IDH mutant gliomas” (online) World Federation of Neuro-oncology, hosted in Seoul, March 2022
4. ****“Medulloblastoma, an update” Surgical Pathology Conference (online) hosted at Abu Dhabi Medical Centre, May 2022
5. Are the WHO molecular criteria for low grade gliomas robust ?” (online) – Asian Low Grade Glioma Conference, February 2022, hosted in Bangkok
6. ***“WHO 2021 Classification of CNS tumors” Asian Oceania Congress of Neuropathology, September 2021, online, hosted in Bangalore
7. ***“WHO 2021 Classification of CNS tumors”, Joint conference of Society of Neuro-oncology (USA)-Chinese SNO, online, April, 2021
8. ****“WHO 2021 classification of CNS tumors”, Conference of the Asia Pacific Assembly of Pathology, online hosted in Singapore, due to Covid19, May 2021
9. “WHO 2021 classification of pediatric gliomas”, Hospital Authority Pediatric Hematology and Oncology Group, Hong Kong, November 2020
10. ***“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
11. ****“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
12. 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
13. How molecular pathology changed the practice of brain tumour diagnosis in Annual Conference of China Cancer Society, Guangzhou, November, 2019
14. ***“The times they are a-changin. How molecular pathology changed practice of brain tumor diagnosis”. Asian Society of Neuro-oncology, Taipei, September 2019
15. ****“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
16. “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
17. “Workshop on professionalism in medical education” Asian Pacific Medical Education Conference, Singapore, Jan 2019
18. “Gliomas, the good, the bad and the ugly” International Congress of Neurosurgeons, Hua Shan Hospital, Fudan University, Shanghai, December 2018
19. “Are all IDH wt lower grade gliomas glioblastomas in disguise?” Annual Meeting of Guangdong Society of Oncology, Guangzhou, December 2018
20. ****“Smear diagnosis in brain tumors?” and “What WHO2016 can do more for adult gliomas?” 14th Meeting of the Philippine Society of Pathology, Clark, November, 2018
21. ***“Surgical Neuropathology” Hong Kong Division of International Academy of Pathology, Hong Kong, November 2018
22. “Can pediatric low grade gliomas be diagnosed by histology alone ?” Asian Congress of Neuro-oncology, Beijing, October 2018

23. “Can pediatric low grade gliomas be diagnosed by histology alone ?” Chinese Congress of Pediatric Neuro-oncology, Haikou, June 2018
24. “Are IDH wt lower grade gliomas glioblastomas in disguise ?” International Congress of Neuropathology, Tokyo, October, 2018
25. **“Can Pediatric gliomas be adequately diagnosed by histology ?” Annual Meeting of Chinese Society of Neuropathology, Fuzhou, May, 2018
26. **“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
27. **Brain tumor course. Annual Meeting of Pakistan Division of the International Academy of Pathology, Lahore, April, 2018
28. Title to be determined. 10th Annual Meeting of Indian Society of Neuro-oncology, April 5-8, 2018. Dehli
29. Workshop “Professionalism in Practice” (jointly with Shekhar Kumta). 15th Asia Pacific Medical Education Conference, Singapore, January, 2018
30. “Can pediatric low grade gliomas be diagnosed by histology” International Brain Tumor Symposium, November 2017, Taipei
31. “Trainee course on brain tumors. Hong Kong Division of International Academy of Pathology, November, Hong Kong, November 2017
32. Quality Assurance of Internship Training in Hong Kong” – 16th Conference of the Medical Education Association of China, Taiwan and Hong Kong, October 2017, Taipei
33. **“Can molecular pathology supersede histology in diagnosing brain tumors ?”, as First Keynote Speaker, 10th Asia Pacific International Academy of Pathology Conference, April 2017, Bali
34. “Can molecular pathology supersede histology in diagnosing brain tumors ?” Chinese Pathologist Association Annual Meeting, March 2017, Beijing
35. “Basic principles of brain tumor diagnosis”. International Academy of Pathology (IAP) Workshop, January 2017, Phnom Penh
36. “Young adult glioblastoma” International Brain Tumor Symposium, Taipei Medical University, December 2016, Taipei
37. “WHO Classification 2016” Asia Pacific Society of Neuro-immunohistochemistry, December 2016, Taipei
38. “Practical molecular diagnosis of brain tumors” – National Neuropathology Course, Fudan University, August 2016, Shanghai
39. “Protocols of pediatric brain tumor diagnosis” Pediatric Oncology Symposium, Hong Kong University, Binhai Hospital, June 2016, Shenzhen
40. “WHO Classification 2016” – National meeting of Neuropathology of Chinese Society of Pathology, April 2016, Xiamen
41. “WHO Classification 2016” – International Glioma Conference, Fudan University, May 2016, Shanghai
42. “WHO classification 2016” – International Pediatric-Neuro-oncology Conference, Taipei Medical University, April 2016, Taipei
43. “WHO Classification 2016” Joint Meeting of Society of Neuro-oncology (SNO)(USA) and Chinese Society of Neuro-oncology, March 2016, Guangzhou
44. **“What everyone needs to know for molecular pathology of brain tumors” Hospital Authority Commissioned Training for Neuro-oncology, January 2016, Hong Kong
45. “WHO 2016 classification of brain tumors” Pathology Workshop organized by International Academy of Pathology, January 2016, Yangon
46. “WHO 2016 classification of brain tumor” Annual Meeting of the Guangdong Neuro-Oncology Society, November 2015, Dongguan
47. “Molecular Brain Tumor diagnosis” National Neuro-oncology course, Hua Shan Hospital, Fudan University, April 2015, Shanghai
48. **“Pediatric Brain Tumors” Neuropathology Workshop, Chinese Division of International

- Academy of Pathology, April 2015, Beijing
49. “WHO needs neuropathologists ?” Combined meeting of Society of Neuro-oncology (SNO) (USA) and Chinese Society of Neuro-ocnology (CSNO) , March 13-15, 2015, Guangzhou
 50. “Molecular Pathology of Lower Grade Gliomas”, National Neuro-oncology Course, Chinese Society of Neuro-oncology, November 2014, Guangzhou
 51. “Molecular pathology of lower grade gliomas” – Third Congress of the Asian Society of Neuropathology, November 2014, Seoul
 52. “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
 53. ““What paediatric oncologists need to know from the pathology reports of brain tumors?” 45th Congress of the International Society of Paediatric Oncology (SIOP), September 2013, Hong Kong
 54. WHO 2016 – oligodendroglial tumors and mixed gliomas” and “Slide seminar in neuropathology ?” 30th International Congress of the International Academy of Pathology, October 2014, Bangkok
 55. “The next WHO classification” National Neuro-oncology Workshop, April 2014, Shanghai
 56. “Back to the future. The next WHO”. 18th Convention of the Academia Eurasiana Neurochirurgica (AEN), March 2014, Hong Kong
 57. **Course director & speaker, Neuropathology II, International Academy of Pathology and Association of Directors of Pathology of China, September 2013, Hong Kong
 58. **Conference chair. Joint Conference of the Journal of Pathology and Histopathology and Association of Directors of Pathology of China, October 2013, Shenzhen,
 59. “The molecular classification of medulloblastoma”, Eighth Congress of the Asia Pacific International Academy of Pathology (APIAP), Busan, September 2013
 60. “Biomarkers for oligodendrogliomas. 1p19q and beyond” Annual Meeting of the Chinese society of Neuro-oncology, August 2013, Kunming
 61. “Brainstem glioma” – Commissioned training lecture for Neurosurgery, Hospital Authority of Hong Kong. January 2014, Hong Kong
 62. “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
 63. “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
 64. “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
 65. “Immunohistochemistry in in surgical neuropathology” – Pathology Course organized by the International Academy of Pathology, Manila, December 2012
 66. “An update of medulloblastoma” – Pathology Workshop by Cleveland Clinic. December 2012, Guangzhou
 67. “Immunohistochemistry in surgical neuropathology” Pathology course organized by the International Academy of Pathology. Phnom Penh, November, 2012
 68. “Slide seminar in surgical neuropathology” – Pathology Course organized by International Academy of Pathology, August, 2012, Urumuqi
 69. 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
 70. “An update of medulloblastoma” – Inauguration ceremony of State Key Clinical Centre of Neurosurgery, Xiangya Hospital, Changsha, January 2012
 71. “Neuro-muscular pathology” – Annual Meeting of Shenzhen Society of Pathology, Shenzhen, December 23, 2011
 72. “Molecular Pathology of Medulloblastoma”, Fourth Annual Meeting of Neuro-oncology of

- Veterans Hospital, Taipei, November 30-Dec 1, 2011
73. **“Molecular Pathogenesis of Medulloblastoma”, Second Congress of Asian Society of Neuropathology, Beijing, November 5-6, 2011
 74. “Molecular Pathogenesis of Medulloblastoma”, Annual Meeting of Guangdong Society of Neuro-oncology, Huizhou November 29, 2011
 75. “Advances in Molecular diagnostics in neuro-oncology”, Eighth Congress of the Asian Society of Neuro-Oncology, May, 2011, Suzhou
 76. “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
 77. **“Molecular pathogenesis of medulloblastoma” and “Pathology of non-criminal Head Injury” – National Neuropathology Meeting, April 2011, Chongqing
 78. “Recent advances in medulloblastoma” – International Paediatric Tumour Conference, December 18, 2010, Taipei
 79. **Course director and speaker, Neuropathology I, organized by the International Academy of Pathology, January 2011, Hong Kong
 80. ***“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
 81. “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
 82. **“Quality Assurance of Interns” – Twelfth meeting of the Medical Education Association of China, Taiwan and Hong Kong. November 18-22, 2009, Naning
 83. “Are there better ways to make use of molecular pathology of brain tumours ?” International Symposium of Pediatric Neuro-oncology, Taipei, October 31-Nov1, 2009
 84. “Controversies in molecular testing for brain tumours” – Third Conjoint Meeting of Shanghai Cancer Hospital and MD Anderson Cancer Hospital, Shanghai, June 5-6, 2009
 85. “2007 WHO Classification of CNS tumours – views from one participant” – The Sixth Asia Pacific International Academy of Pathology Meeting, August 20-23, 2009, Kochi
 86. “An update on molecular diagnostics of brain tumours” – First Congress of Asian Society of Neuropathology, Tokyo, May 20-22, 2008
 87. “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
 88. **“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
 89. “Ependymomas. The 2007 WHO classification” – 2006 Conference of Asia Academic Neurosurgeons, Shanghai, November 10-11, 2006
 90. “Molecular genetics of oligodendrogliomas” – Fourth Meeting of the Asian Society of Neuro-oncology, October 2005, Taipei
 91. “Molecular pathology of brain tumors” – Fourth Asia Pacific International Academy of Pathology Meeting, August 22-26, Beijing
 92. “Meningiomas, types, grading genetics and differential diagnosis” – XXV International Congress of the International Academy of Pathology, October 10-15, 2004, Brisbane
 93. “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