

CURRICULUM VITAE

Young Zoon Kim M.D., Ph.D.

Director at Division of Neuro-Oncology and Professor at Department of Neurosurgery
Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea
E-mail: yzkim@skku.edu / Phone: +82-55-233-5893 / Fax: +82-55-233-6527

■ EDUCATION

March 2008 ~ August 2012 Ph.D. in Medicine, Dong-A University, Graduate School of Medicine, Busan, Republic of Korea
March 2006 ~ February 2008 M.S. in Medicine, Dong-A University, Graduate School of Medicine, Busan, Republic of Korea
March 1992 ~ February 2000 B.S. in Medicine, Busan National University School of Medicine, Busan, Republic of Korea

■ BOARD CERTIFICATION

2009 Diplomat of Korean Society for Neurooncology
2007 Diplomat of Korean Brain Tumor Society
2005 Diplomat of Korean Society of Neurosurgery (No. 1851)
2000 Board of Korean Medical Association (No. 70459)

■ POSITIONS AT UNIVERSITY AND HOSPITAL

April 2020 ~ present **Tenure Professor**, Department of Neurosurgery, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea
January 2018 ~ present **Vice Dean of the Faculty of Education**, Sungkyunkwan University School of Medicine, Suwon, Republic of Korea
March 2014 ~ March 2020 **Associate Professor**, Department of Neurosurgery, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea
Sep 2016 ~ Feb 2019 **Chief**, Department of Human Resources, Training and Research, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea
March 2009 ~ present **Director**, Division of Neuro Oncology, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea
April 2014 ~ June 2017 **IRB member**, Institutional Review Board, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea

- March 2013 ~ February 2014 **Exchange Professor**, Center for Cancer Epigenetics, Department of Molecular Cellular Oncology, MD Anderson Cancer Center, The University of Texas, Houston, TX, USA
- March 2009 ~ February 2014 **Assistant Professor**, Department of Neurosurgery, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea
- March 2007 ~ February 2009 **Faculty Instructor**, Department of Neurosurgery, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon, Republic of Korea
- March 2005 ~ February 2007 **Fellowship**, Department of Neuro Oncology, National Cancer Center Hospital Korea and Research Institute, Goyang, Republic of Korea
- March 2001 ~ February 2005 **Resident**, Department of Neurosurgery, Dong-A University Medical Center, Busan, Republic of Korea
- March 2000 ~ February 2001 **Medical Intern**, Dong-A University Medical Center, Busan, Republic of Korea

■ Major Interest on Research and Practices

1. Research Interest and Activity

- 1) Cancer Biology (Invasion, Metastasis, Oncogenesis) on Malignant Brain Tumors
- 2) Cancer Epigenetics (Histone modification) on Malignant Brain Tumors

2. Clinical Practices

- 1) Neurooncological care for the patients with solid cancer (brain metastasis, neurocognitive function, brain tumor related epilepsy)
- 2) Chemotherapy for brain tumor patients (malignant primary brain tumor, primary CNS lymphoma, brain metastasis)
- 3) Microscopical neurosurgery for brain tumors
- 4) Neuroendoscopic surgery for skull base tumors

■ ACADEMIC ACTIVITY

- July 2021 ~ present Secretary General of Korean Brain Tumor Society (KBTS)
- July 2021 ~ present Vice Editorial-in-Chief of Brain Tumor Research and Treatment (BTRT)
- April 2021 ~ present Chair of Multidisciplinary Committee of Korean Society for Neurooncology (KSNO)
- Sept 2020 ~ present Member of Government Research Project Committee of Korean Neurosurgical Society (KNS)
- Sept 2019 ~ August 2020 Member of Education and Training Committee of Korean Neurosurgical Society (KNS)
- July 2019 ~ June 2021 Chair of Education and Training Committee of Korean Brain Tumor Society (KBTS)
- April 2019 ~ March 2021 Chair of General Affair Committee of Korean Society for Neurooncology (KSNO)
- October 2018 ~ present Editorial Board of Journal of Neurointensive Care (JNIC)
- July 2018 ~ June 2021 Editorial Board of Brain Tumor Research and Treatment (BTRT)
- June 2018 ~ June 2019 Chair of Multidisciplinary Committee of Korean Brain Tumor Society (KBTS)
- June 2017 ~ present Member of Academic Committee at World Federation of Neuro Oncology Societies (WFNOS2021)
- June 2017 ~ February 2019 Chair of K-RANO committee of Korean Society for Neurooncology (KSNO)
- April 2017 ~ February 2019 Secretary of Multi-Disciplinary Committee of Korean Society for Neurooncology (KSNO)

October 2016 ~ present	Review Board of Oncotarget
September 2016 ~ present	Editorial Board of Translational Neuro-Oncology (TNO)
July 2016 ~ present	Editorial Board of Journal of Clinical Neurological Surgery (JCNS)
August 2015 ~ present	Editorial Board of International Journal of Surgery and Surgical Procedure (IJSSP)
June 2015 ~ present	Review Board of Research and Reports in Biochemistry
March 2015 ~ February 2017	Secretary of General Affair Committee of Korean Society for Neurooncology (KSNO)
January 2015 ~ present	Full Member of American Society for Clinical Oncology (ASCO)
December 2014 ~ present	Review Board of Journal of Korean Neurosurgical Society
October 2014 ~ present	Editorial Board of International Journal of Neurological Research (IJNR)
September 2014 ~ present	Member of Academic Committee for Asian Australasian Congress of Neurological Surgeons (AACNS)
April 2014 ~ present	Member of Policy Committee for Korean Neurosurgical Society (KNS)
March 2014 ~ present	Member of Academic Committee for Korean Society for Neuro-Oncology (KSNO)
March 2014 ~ present	Member of Academic Committee for Korean Brain Tumor Society (KBTS)
December 2013 ~ present	Member of American Association of Science & Technology (AASCIT)
November 2012 ~ present	Review Board of Cancer Research and Treatment
March 2012 ~ present	Review Board of Brain Tumor Research and Treatment
March 2012 ~ present	Member of Steering Committee for Korean Society for Neuro-Oncology (KSNO)
December 2011 ~ present	Member of Steering Committee for Korean Brain Tumor Society (KBTS)
October 2011 ~ present	Member of European Association for Neuro-Oncology (EANO)
October 2011 ~ present	Member of European Association for Cancer Research (EACR)
September 2011 ~ present	Member of American Association for Cancer Research (AACR)
March 2011 ~ present	Member of Korean Society for Neurooncology (KSNO)
June 2011 ~ present	Member of Society for Neuro-Oncology (SNO)
October 2010 ~ present	Member of Society for Translational Oncology (STO)
June 2010 ~ present	Member of Asian Society for Neurooncology (ASNO)
March 2009 ~ present	Member of Asian Clinical Oncology Society (ACOS)
March 2009 ~ present	Member of Korean Society of Biochemistry and Molecular Biology (KSBMB)
January 2009 ~ present	Member of Korean Intensive Care Medicine Society
October 2008 ~ present	Member of Korean Society for Pediatric Neurosurgery
April 2007 ~ present	Member of Korean Chemotherapy Study Group
April 2007 ~ present	Member of Korean Society for Neuro Traumatology
March 2006 ~ present	Member of Korean Society for Skull Base Surgery
August 2005 ~ present	Member of Korean Pediatric Brain Tumor Society
March 2005 ~ present	Member of Korean Cancer Academic Society
March 2005 ~ present	Member of Korean Association of Clinical Oncology (KACO)
March 2005 ~ present	Member of Korean Brain Tumor Society
March 2000 ~ present	Member of Korean Medical Association

- * Review Board**
- 1) International : Oncotarget / Research and Reports in Biochemistry / Cancers / Nutrients
Cancer Management and Research / Clinics in Oncology Research / Oncology Letter
International Journal of Molecular Medicine / International Journal of Molecular Science
 - 2) Domestic : Journal of Korean Neurosurgical Society / Cancer Research and Treatment
- * Editorial Board**
- 1) International : Translational Neuro-Oncology (TNO) / Journal of Clinical Neurological Surgery (JCNS)
International Journal of Surgery and Surgical Procedure (IJSSP)
International Journal of Neurological Research (IJNR)
Chinese Clinical Oncology (Neuro Oncology)
 - 2) Domestic : Journal of Neurointensive Care / Brain Tumor Research and Treatment

■ CLINICAL RESEARCH PRACTICE and EDUCATION

January 2006	2006 Investigator Training Course, Asan Medical Center Clinical Research Center (Basic Course)
February 2006	Advance Course of Training Bioscience Research, National Cancer Center, Korea
January 2007	2007 Investigator Training Course, Asan Medical Center Clinical Research Center (Advanced Course)
February 2007	Advance Course of Hospice Manager, National Cancer Center, Korea
October 2010	2010 KoNECT GCP Training for Investigators (INV-CNT-SMC-1002020)
February 2011	4th Clinical Research Design Course (No. CRDC-11-23) Johns Hopkins University and Samsung Medical Center Clinical Research Center
September 2011	2011 GCP Training for Investigators, Samsung Medical Center Clinical Research Center
November 2011	2011 Advance Clinical Research Design Course (No. ACRDC-003) Johns Hopkins University and Samsung Medical Center Clinical Research Center
July 2013	Animal Care and Use in Research and Education Course (#2782614) AALAS Learning Library in MD Anderson Cancer Center
February 2014	Training program for Brain Tumor Research (BTR 14-0023), Brain Tumor Center The University of Texas MD Anderson Cancer Center
March 2014	Completion of the Collaborative Institutional Training Initiative (CITI) program (K-2014-12626560) Biomedical Research
November 2015	Completion of Advanced Training Course for Scientific Reviewer of IRB (KAIRB 2015-17009)
March 2016	Completion of the Collaborative Institutional Training Initiative (CITI) program (K-2016-19035082) GCP for Clinical Trials with Drugs and Biologics (K-2016-18171355) Biomedical Research
December 2018	Completion of Advanced Training Course of Clinical Investigators (KHUH-2018-NIRI-383) (KoNECT-ON-GC18803-425) Clinical Data Mining Guideline (KoNECT-ON-GC18802-338) Static Strategies for Clinical Trials (KoNECT-ON-GC18801-256) Static Strategies for Drug Development

April 2019 Completion of Advanced Training Course of Clinical Investigators (SMC-INV-195238)
 September 2020 Completion of Advanced Training Course of Clinical Investigators (SMC-IRB-200100)

■ ACADEMIC AWRDS

March 2010 Best Investigator Award by In-Sung Medical Science Research Foundation
 July 2010 Travel Award for ACOS by Korean Cancer Association
 March 2011 Best Investigator Award by Genomic Research Center (GRC) of Samsung Medical Research Foundation
 Best Investigator Award by Handok Medical Research Foundation
 April 2011 Best Investigator Award by Daewoong Medical Research Foundation
 May 2011 Best Investigator Award by Sanofi-Aventis Medical Research Foundation
 November 2011 Designation in "Marquis Who's Who in the World, 2012"
 January 2012 Best investigator Award by Samsung Biomedical Research Institute (SBRI)
 "2000 Outstanding Intellectuals of the 21st Century, 2012" by International Biographical Center
 April 2012 Designation in "Great Minds of the 21st Century, 6th Edition, 2012" by American Biographical Institute
 May 2012 "2012 Cancer Academy Award" by Korean Cancer Association
 June 2012 Travel award for EACR 2012 Meeting by Korean Association for Clinical Oncology
 July 2012 Travel award for SNO 2012 Meeting by Korean Society for Neuro-Oncology
 November 2012 "Medical Science Award of Excellence 2012" by American Biographical Institute
 November 2012 Designation in "Marquis Who's Who in the World, 2013"
 January 2013 Designation in "Great Minds of the 21st Century, 7th Edition, 2013" by American Biographical Institute
 January 2014 Designation in "Marquis Who's Who in the World, 2014"
 June 2014 Best Investigator Award by Hanmi Medical Research Foundation
 September 2014 Designation in "Great Minds of the 21st Century, 8th Edition, 2014" by American Biographical Institute
 Travel award for ASNO 2014 Meeting by Korean Brain Tumor Society
 January 2015 Designation in "Marquis Who's Who in the World, 2015"
 February 2015 2014 Best Investigator Faculty Award (by President of Sungkyunkwan University)
 April 2015 **Dr. Song Jin-Eon's Memorial Academic Award** by Korean Neurosurgical Society
 (The Best Investigator's Award of Korean Neurosurgical Society)
 May 2015 **The Creative Research Project Award** by Samsung Biomedical Research Institute (SBRI)
 November 2015 Travel award for 2015 SNO Meeting by Korean Society for Neuro-Oncology
 June 2016 **Merit Award** by Korean Cancer Association
 June 2016 The Best Clinical Investigator Award by Daiichisankyo Korea Research Foundation
 November 2016 Travel award for 2016 SNO Meeting by Korean Society for Neuro-Oncology
 December 2016 Sungkyun Academic Award by Sungkyunkwan University
 February 2017 2014 Best Educator Faculty Award (by President of Sungkyunkwan University)
 March 2017 The Best Clinical Investigator Award by Hanmi Research Foundation
 March 2017 The Best Clinical Investigator Award by Ahn-Kook Research Foundation

September 2017	Nine Master Doctors of the Brain Tumor in Korea by Health Chosun Newspaper
March 2018	The Best Pride of Institute by Samsung Changwon Hospital
March 2018	The Best Academic Award by Korean Society for Neuro-Oncology (KSNO)
June 2018	The Best Scientific Study Award of BTRT by Korean Brain Tumor Society (KBTS)
February 2019	The Best Mentorship Award by Samsung Changwon Hospital
June 2019	National Foundation of Research by the Korean Government (The Ministry of Science and Information and Communication Technologies & Future Planning) (NRF2019 1F1A 1054681)
September 2019	The Best Project of Policy Research Task by Korean Neurosurgical Society Foundation
March 2020	“2020 KCA Outstanding Professional Awards in Medicine” by Korean Consumer Appraisal (KCA)
May 2020	“SKKUH-DGIST Collaborating Research Project” by Samsung Changwon Hospital
June 2020	“Memorial Award of A Thousand Operations of Brain Tumors” by Samsung Changwon Hospital
August 2020	2019 Best Educator Faculty Award (by President of Sungkyunkwan University)
April 2021	Dr. Joo-Geol Lee’s Memorial Academic Award by Korean Neurosurgical Society (The Best Basic Researcher’s Award of Korean Neurosurgical Society)

■ PUBLICATION

Total 77 : SCI(E) 36, Others 41 (Responsible author 61, Attending author 16)

===== 2021 =====

77. Kim SH, Nam TM, Jang JH, **Kim YZ**, Kim KH, Kim DH, Lee H, Jin SC, Lee CH. Improving door-to-puncture time in mechanical thrombectomy with direct care from a neurointerventionalist in the emergency room. *World Neurosurg.* 2021 Jun 15:S1878-8750(21)00808-1
76. Moon J, Kim MS, Kim YZ, Park CK, Lee YS, Gwak HS, et al. The Korean Society for Neuro-Oncology (KSNO) Guideline for Antiepileptic Drug Usage of Brain Tumor: Version 2021.1. *Brain Tumor Res Treat* 9(1):9-15, 2021 (Domestic, Co-author)
75. Yoon HI, Wee CW, **Kim YZ**, Park CK, Lee YS, Gwak HS, et al. The Korean Society for Neuro-Oncology (KSNO) Guideline for Adult Diffuse Midline Glioma: Version 2021.1. *Brain Tumor Res Treat* 9(1):1-8, 2021 (Domestic, Co-author)
74. Nam TM, Jang JH, Kim SH, Kim KH, **Kim YZ**. Comparative analysis of the patients with spontaneous thalamic hemorrhage concurrent intraventricular hemorrhage and those without intraventricular hemorrhage. *J Kor Med Sci* 36(1);e4, 2021 (SCI, Corresponding Author)
73. Lee SH, Jung G, Sung KS, Song YJ, Kim JY, Yang GY, **Kim YZ**. The Differences of atypical meningioma on recurrence versus initial diagnosis – retrospective analysis of 99 patients with atypical meningiomas in multi-institutes. *Cancer Res Treat* [under-review] 2020 (SCI, Corresponding Author)

===== 2020 =====

72. Park JE, Kim HG, Kim J, Jung GS, Yang GY, Kim YZ. Epigenetic Role of Noncoding RNAs in the Recurrence of Pituitary Adenoma after Surgical Resection. *Am J Biomed Sci Res* 10(4);364-374, 2020 (International, Corresponding author)
71. Kim HG, Kim J, Jung G, **Kim YZ**. Practical use of the new 2017 WHO classification of silent pituitary adenoma; retrospective analysis in single centre. *Int J Curr Res* 12(1);1-6, 2020 (International, Corresponding author)

70. Nam TM, Jang JH, **Kim YZ**, Kim KH, Kim SH. Factors Associated with Procedural Thromboembolisms after Mechanical Thrombectomy for Acute Ischemic Stroke. *Medicina* 56(7);353-362, 2020 (SCI, Co-Author)

69. Park JW, Yang GY, Jung G, **Kim YZ**. Overall clinical outcome of stereotactic guided burrhole-drainage versus craniotomy with removal of spontaneous intracerebral hemorrhage. *Am J Biomed Sci Res* 8(6);539-544, 2020 (International, Corresponding author)

68. Kim J, Jung G, Kim HG, Kim JY, Yang GY, **Kim YZ**. Role of cancer emboli as a metastatic core on the growth of brain metastasis in patients with non-small cell lung cancer. *J Neurointensive Care* 3(1); 12-19, 2020 (Domestic, Corresponding author)

67. Jeong K, Yang GY, **Kim YZ**. Is there any benefit for the brain metastasis with cystic components rather than solid component only in non-small cell lung cancer in terms of clinical outcome? *Am J Biomed Sci Res* 7(6); 487-495, 2020 (International, Corresponding author)

66. Kim SK, Moon J, Cho JM, Kim KH, Kim SH, Kim YI, **Kim YZ**, Kim HS, Dho YS, Park JS, Park JE, Seo Y, Sung KS, Song JH, Wee CW, Yoon WS, Yoon HI, Lee SH, Lim DH, Im JH, Chang JH, Han MH, Hong JB, Hwang KH, Park CK, Lee YS, Gwak HS. A National Consensus Survey for Current Practice in Brain Tumor Management I: Antiepileptic drug and Steroid usage. *Brain Tumor Res Treat* 8(1); 1-10, 2020 (Domestic, co-author)

65. Kim SK, Yoon HI, Yoon WS, Cho JM, Moon J, Kim KH, Kim SH, Kim YI, **Kim YZ**, Kim HS, Dho YS, Park JS, Park JE, Seo Y, Sung KS, Song JH, Wee CW, Lee SH, Lim DH, Im JH, Chang JH, Han MH, Hong JB, Hwang KH, Park CK, Lee YS, Gwak HS. A National Consensus Survey for Current Practice in Brain Tumor Management II: Diffuse Midline Glioma and Meningioma. *Brain Tumor Res Treat* 8(1); 11-19, 2020 (Domestic, co-author)

64. Kim SK, Park JE, Kim KH, Cho JM, Moon J, Kim SH, Kim YI, **Kim YZ**, Kim HS, Dho YS, Park JS, Seo Y, Sung KS, Song JH, Wee CW, Yoon WS, Yoon HI, Lee SH, Lim DH, Im JH, Chang JH, Han MH, Hong JB, Hwang KH, Park CK, Lee YS, Gwak HS. A National Consensus Survey for Current Practice in Brain Tumor Management III: Brain Metastasis and Primary Central Nervous System Lymphoma. *Brain Tumor Res Treat* 8(1); 20-28, 2020 (Domestic, co-author)

63. Lee YM, Kim SH, Kim MS, Kim DC, Lee EH, Lee JS, Lee SH, **Kim YZ**. Epigenetic role of histone lysine methyltransferase and demethylase on the expression of transcription factors associated with the epithelial-to-mesenchymal transition of lung adenocarcinoma metastasis to the brain. *Cancers* 12(12):3632, 2020 (SCI, Corresponding Author)

62. Wee CW, Kim IH, Park CK, Lim DH, **Kim YZ**, Kim IA. Postoperative radiotherapy for WHO grade II–III intracranial ependymoma in adults: An intergroup collaborative study (KROG 18-06/KNOG 18-01). *Radiat Oncol* 150:4-11, 2020 (SCI, Coauthor)

===== 2019 =====

61. Shin HY, Lee SJ, Seo HW, Kim MY, Intisar A, Yea K, Cho SC, Lee YI, **Kim YZ**, Gurel O, van Noort D, Park SC, Kim MS. A novel cell seeding technology for microarray-based quantitative human primary skeletal muscle cell analysis. *Anal Chem* 91(22):14214-14219, 2019. (SCI, Co-author; IF 6.350)

60. Jung G and **Kim YZ**. Analysis of relative apparent diffusion coefficient value of intracranial primary central nervous system lymphoma and its correlation with Ki-67 positive rate. *J Clin Res Oncol* 2(1); 1-6, 2019. (International, Corresponding Author)

59. **Kim YZ**, Kim CY, Lim J, Sung KS, Lee J, Oh HJ, et al. Korean Society for Neurooncology (KSNO) Guideline for WHO Grade III Cerebral Gliomas of in Adults: version 2019.01. *Brain Tumor Res Treat* 7(2); 63-73, 2019 (Domestic, 1st author)

58. **Kim YZ**, Kim CY, Wee CW, Rho TH, Hong JB, et al. The Korean Society for Neuro Oncology (KSNO) Guideline for WHO Grade II Cerebral Gliomas in Adults: Version 2019.01. *Brain Tumor Res Treat* 7(2); 74-84, 2019 (Domestic, 1st author)

57. Kim J and **Kim YZ**. Analysis of somatic variants in growth hormone secreting pituitary adenomas by whole exome sequencing. *Am J Biomed Sci Res* 4(6); 444-453, 2019 (International, Corresponding Author)

56. Nam TM and **Kim YZ**. Efficacy of neuroendoscopic surgery compare with craniotomy for supratentorial hypertensive intracerebral hemorrhage : A meta-analysis based on RCTs. *J Cerebrovasc Endovasc Neurosurg* 21(1): 11-17, 2019 (Domestic, Corresponding Author)

55. Lee SJ, Sim TS, Shin HY, Lee JM, Kim YM, Sunoo J, Lee JG, Yea K, **Kim YZ**, Noort D, and Kim MS. Microslit on a chip: a simplified filter to capture circulating tumor cells enlarged with microbeads. *PLOS One* 14(10):e0223193, 2019 (SCI, Co-author; IF 2.776)

54. Jung G, Kim SH, Kim TG, **Kim YZ**. Demographic and socioeconomic factors for renouncing further active therapy for patients with brain metastasis of non-small cell lung cancer. *Brain Tumor Res Treat* 7(2); 112-121, 2019 (Domestic, Corresponding author)

53. Jung G, Kim JS, Kim YZ, Lee YM. Intratumoral hemorrhage of the cervical spinal schwannoma presenting with acute quadriplegia: A Case Report. *Brain Tumor Res Treat* 7(2); 160-163, 2019 (Domestic, Co-author)

52. **Kim YZ**, Kim CY, Lim J, Sung KS, Lee J, Oh HJ, et al. Korean Society for Neurooncology (KSNO) Guideline for Glioblastomas: version 2018.01. *Brain Tumor Res Treat* 7(1); 1-9, 2019 (Domestic, 1st author)

51. Lee J, Kim MS, Kim YZ. Extensive pachymeningeal dissemination of glioblastoma mimicking chronic subdural hematoma: A case report. *Brain Tumor Res Treat* 7(1); 39-43, 2019. (Domestic, Corresponding author)

50. Kim DC, **Kim YZ**. Analysis of microRNA expression in glial tumors by using a peptide nucleic acid-based microarray. *Precis Future Med* 3(3): 124-134, 2019 (Domestic, Corresponding author)

===== 2018 =====

49. Shin HJ, Yang GY, **Kim YZ**. Clinical advantage of propofol compared with barbiturate for the coma therapy in the patients with severe traumatic brain injury. *J Neurointensive Care* 1(1); 32-39, 2018 (Domestic, Corresponding author)

48. Lee L, Park SH, **Kim YZ**. Prognostic evaluation of Neurological Assessment of the Neuro-Oncology scale in glioblastoma patients. *Brain Tumor Res Treat* 6(1); 22-30, 2018 (Domestic, Corresponding author)

47. Lee L, Park SH, **Kim YZ**. Results of adjuvant chemotherapy using hydroxyurea after stereotactic radiosurgery for atypical meningiomas. *J Med Oncol* 1(1); 7-13, 2018 (International, Corresponding author)

===== 2017 =====

46. Kim J, Lee SH, Jang JH, Kim MS, Lee EH, **Kim YZ**. Increased expression of the histone H3 lysine 4 methyltransferase MLL4 and the histone H3 lysine 27 demethylase UTX prolonging the overall survival of patients with glioblastoma and a methylated MGMT promoter. *J Neurosurg* 126(5):1461-1471, 2017 (SCI, Corresponding author; IF 4.318)

45. Park SH, Jang JH, YM Lee, JS Kim, Kim KH, **Kim YZ**. Function of cell-cycle regulators in predicting silent pituitary adenoma progression after surgical resection. *Oncology Letters* 14:7121-7130, 2017 (SCIE, Corresponding Author; IF 1.818)

44. Kim J, Kim KH, **Kim YZ**. The clinical outcome of hydroxyurea chemotherapy after incomplete resection of atypical meningiomas. *Brain Tumor Res Treat* 5(2):77-86, 2017 (Domestic, Corresponding author)

43. **Kim YZ**. Dysregulation of apoptosis caused by aberrant histone modification influences on the recurrence of meningiomas. *J Clin Epigenet* 3(4):49, 2017

(International, 1st Author)

=====
===== 2016 =====
=====

42. Kim J and **Kim YZ**. A case of primary central nervous system lymphoma located at brain stem in a child. *Brain Tumor Res Treat* 4(2): 155-159, 2016 (Domestic, Corresponding author)
41. Jang JH, Lee YM, **Kim YZ**. Clinical benefits of microscopically complete resection in controlling local recurrence of single brain metastasis. *Revista Kasmera* 44(2): 24-55, 2016 (SCIE, Corresponding author)
40. Jang JH, Kim KH, Lee YM, Kim JS, **Kim YZ**. Surgical results of pure endoscopic endonasal transsphenoidal surgery for 331 pituitary adenomas: An experience of a single institute for 15 years. *World Neurosurg* 96: 545-555, 2016 (SCI, Corresponding author; IF 2.592)
39. Lee SH, Dhar S, Gu B, Chen K, Chen TY, **Kim YZ**, Li W, Lee MG. A feedback loop comprising PRMT7 and miR-24-2 interplays with Oct4, Nanog, Klf4, c-Myc to regulate stemness. *Nucleic Acids Res*. 15;44(22):10603-10618, 2016 (SCI, Co-author; IF 11.561)
38. Lee YM, **Kim YZ**. Clinical and radiological benefit of hybrid fixation compared with short segment fixation for the unstable thoracolumbar junction fracture. *Revista Kasmera*. 44(1): 373-396, 2016 (SCIE, Corresponding author)
37. Kim J, **Kim YZ**. High dose methotrexate-based vincristine and procarbazine combination chemotherapy as front-line treatment for primary CNS lymphoma patients gives a good clinical outcome even without radiotherapy. *Revista Kasmera*. 44(1): 76-117, 2016 (SCIE, Corresponding author)
36. Dhar S, Lee SH, Chen K, Zhu G, Oh WK, Allton K, Gafni O, **Kim YZ**, Barton M, Hanna JH, Wang Z, Li W, Lee MG. An essential role for UTX in resolution and activation of bivalent promoters. *Nucleic Acids Res* 44(8): 3659-3674, 2016 (SCI, co-author; IF 11.561)
35. Kim DC, Kim KU, **Kim YZ**. Prognostic role of methylation status of the MGMT promoter determined quantitatively by pyrosequencing in glioblastoma patients. *J Korean Neurosurg Soc* 59(1): 26-36, 2016 (SCIE, Corresponding author; IF 1.126)

=====
===== 2015 =====
=====

34. **Kim YZ**. Protein Methylation and Demethylation in Cancer. *Int J Neurol Res* 1(3): 79-91, 2015 (International, Corresponding Author)
33. Lee SH, Jang JH, Kim KH, **Kim YZ**. Stent-assisted Coil Embolization of Petrous Internal Carotid Artery in a Teenager with Neurofibromatosis. *J Cerebrovasc Endovasc Neurosurg* 17(3): 252-256, 2015 (Domestic, Corresponding Author)
32. Lee SH, Lee EH, Lee SH, Lee YM, Kim HD, **Kim YZ**. Epigenetic role of histone 3 lysine methyltransferase and demethylase in regulating apoptosis predicting the recurrence of atypical meningioma. *J Korean Med Sci* 30(8):1157-1166, 2015 (SCI, Corresponding Author; IF 1.716)
31. **Kim YZ**, Kwon JH, Lim S. A clinical analysis of brain metastasis in gynecologic cancer: A retrospective multi-institute analysis. *J Kor Med Sci* 30(1): 66-73, 2015 (SCI, 1st Author; IF 1.716)

=====
===== 2014 =====
=====

30. Kim MS, Kim KH, Lee EH, Lee YM, Lee SH, Kim HD, **Kim YZ**. Results of immunohistochemical staining for cell cycle regulators predict the recurrence of atypical meningiomas. *J Neurosurg* 121: 1189-1200, 2014 (SCI, Corresponding author)
29. Kim MS, Lee YM, Kim JS, **Kim YZ**. Erosive perforation of bladder with calculus formation as a complication of ventriculo-peritoneal shunt. *J Kor Soc Geriat Neurosurg* 10 (1): 54-57, 2014 (Domestic, Corresponding Author)

28. Kim YZ. Altered histone modifications in gliomas. *Brain Tumor Res Treat* 2(1): 7-21, 2014 (Domestic, 1st and Corresponding Author)

27. Lee EH, Kim KH, Kwon JH, Kim HD, Kim YZ. Results of immunohistochemical staining of cell cycle regulators - the prediction of recurrence of functioning pituitary adenoma. *World Neurosurg* 81(3-4): 563-575, 2014 (SCI, Corresponding Author)

===== 2013 =====

26. Kim KR, Kim YZ. Clinical comparison of 30-day mortalities and 6-month functional recoveries after spontaneous intracerebral hemorrhage in patients with or without end-stage renal disease. *J Korean Neurosurg Soc* 54(3): 164-174, 2013 (SCIE, Corresponding Author)

25. Kim KR, Lee YM, Kim YZ, Cho YW, Kim JS, Kim KH, Lee IC. Cervical myelopathy secondary to atlanto-occipital assimilation: The usefulness of the simple decompressive surgery. *Korean J Spine* 10(3): 189-91, 2013 (Domestic, Co-author)

24. Kim YZ, Park YH, Song YG, Kim KH. Clinical analysis of factors predisposing the recurrence of primary intracerebral hemorrhage in patients taking anti-hypertensive drugs: A prospective cohort study. *Clin Neurol Neurosurg* 115(5): 578-586, 2013 (SCI, 1st author)

23. Kim KH, Kim HD, Kim YZ. Comparisons of 30-day mortalities and 90-day functional recoveries after first and recurrent primary intracerebral hemorrhage attacks: A multi-institute based retrospective study. *World Neurosurg* 79(3-4): 489-498, 2013 (SCI, Corresponding Author)

===== 2012 =====

22. Yu JW, Kim YZ, Song YJ, Kim DC, Han JY, Kim KU. Chromosomal Karyotype of Malignant Gliomas: Its Relationship with Radiological Features and Prognosis. *J Korean Brain Tumor Soc* 11(2): 88-95, 2012 (Domestic, Co-author)

21. Jang JH, Kim KH, Yang GY, Kim YZ. Neoplastic meningitis of breast cancer in the patients with a pineocytoma, mimicking presentation of leptomeningeal dissemination of a malignant pineal tumor. *J Korean Brain Tumor Soc* 11(1): 57-61, 2012 (Domestic, Corresponding author)

===== 2011 =====

20. Kim YZ, Song YJ, Kim KU, Kim DC. MGMT gene promoter methylation analysis by pyrosequencing of brain tumor. *Korean J Path* 45(5): 455-462, 2011 (SCIE, 1st Author)

19. Kim YZ, Lee EH, Lee KS. Clinical analysis for brain tumor-related epilepsy during chemotherapy for systemic cancer with single brain metastasis. *Cancer Res Treat* 43(3): 83-92, 2011 (SCIE, 1st Author)

18. Sung KH, Lee EH, Kim YZ. Factors influencing the response to high dose methotrexate-based vincristine and procarbazine combination chemotherapy for primary central nervous system lymphoma. *J Korean Med Sci* 26(4): 588-594, 2011 (SCI, Corresponding author)

17. Jang JH, Song YG, Kim YZ. Predictors of 30-day mortality and 90-day functional recovery after primary pontine hemorrhage. *J Korean Med Sci* 26(1): 100-107, 2011 (SCI, Corresponding author)

===== 2010 =====

16. Jeong JH, Kim YZ, Cho YW, Kim JS. Negative effects of hypopituitarism following brain trauma in patients with diffuse axonal injury. *J Neurosurg* 113(3): 532-538, 2010 (SCI, corresponding author)

===== 2009 =====

15. Jeong JH, **Kim YZ**, Lee EH, Lee IC. Primary central nervous system lymphoma of brain stem in an immunocompetent child. *J Korean Brain Tumor Soc* 9(2): 117-183, 2009 (Domestic, Corresponding author)
14. Park SH, **Kim YZ**, Cho YW. Brain tumor associated epilepsy during adjuvant chemotherapy for brain tumor. *J Korean Brain Tumor Soc* 8(2): 155-164, 2009 (Domestic, Corresponding author)
13. Park SH, **Kim YZ**, Lee EH, Kim KH. Endoscopic endonasal transsphenoidal resection of solitary extramedullary plasmacytoma in the sphenoid sinus with destruction of skull base. *J Korean Neurosurg Soc* 46: 156-160, 2009 (SCIE, corresponding author)
12. **Kim YZ**, Kim KH, Kim JS, Song YJ, Kim KU, Kim HD. Clinical analysis of patients who survived for less than 3 months after brain metastatectomy. *J Korean Med Sci* 24: 641-648, 2009 (SCI, 1st author)
11. **Kim YZ**, Kim KH. Even in patients with a small hemorrhagic volume, stereotactic-guided evacuation of spontaneous intracerebral hemorrhage improves functional outcome. *J Korean Neurosurg Soc* 46: 104-109, 2009 (SCIE, 1st author)
10. **Kim YZ**, Yoo H, Shin SH, Nam BH, Yang HS, et al. Reduced local recurrence of a single brain metastasis through microscopic total resection. *J Neurosurg* 110: 730-736, 2009 (SCI, 1st author)
9. **Kim YZ**, Yoo H. Clinical application of anti-epileptic drugs in the field of neuro-oncology. *J Korean Brain Tumor Soc* 2009; 8: 3-15 (Domestic, 1st author)

===== 2008 =====

8. Lee JI, **Kim YZ**, Lee EH, Kim KH. Skull base invasion of adenoid cystic carcinoma of the lacrimal gland. *J Korean Neurosurg Soc* 44: 273-276, 2008 (SCIE, corresponding author)
7. Park SH, **Kim YZ**, Lee JI, Kim JS, et al. Clinical comparison between simple craniectomy and lesionectomy in the patients with acute cerebral infarction. *Korean J Cerebrovasc Soc* 10: 502-507, 2008 (Domestic, Corresponding author)
6. Lee JI, **Kim YZ**, Cho YW, Kim JS. Analysis of patients who choose not to undergo active treatment for glioblastoma multiforme. *J Korean Brain Tumor Soc* 7: 99-107, 2008 (Domestic, Corresponding author)
5. Lee JI, **Kim YZ**, Kim JS, Kim KH, et al. Clinical comparison between barbiturate and propofol coma therapy in the patients with severe traumatic brain injury. *J Korean Neurotrauma Soc* 4(2): 24-30, 2008 (Domestic, Corresponding author)
4. **Kim YZ**, Yoo H, Shin SH, Yang HS, et al. The efficacy of wide surgical resection of brain metastasis with intraoperative marginal biopsy. *J Korean Brain Tumor Soc* 7(1): 16-25, 2008 (Domestic, 1st author)

===== 2007 =====

3. **Kim YZ**, Kim DY, Yoo H, Yang HS, Shin SH, Hong EK, Cho KH, Lee SH. Radiation-induced necrosis deteriorating neurological symptoms and mimicking progression of brain metastasis after stereotactic-guided radiotherapy. *Cancer Res Treat* 39: 16-21, 2007 (SCIE, 1st Author)
2. **Kim YZ**, Song YJ, Kim HD. Preliminary surgical results of open sella method with intentionally staged transsphenoidal approach for patients with giant pituitary adenomas. *J Korean Neurosurg Soc* 37: 16-19, 2005 (SCIE, 1st Author)

1. Kim YZ, Song YJ, Kim HD. Cerebellar ectopia associated with unilateral agenesis of posterior arch of atlas. *J Korean Neurosurg Soc* 36: 157-159, 2004
(SCIE, 1st Author)
-

■ BOOK CHAPTER CONTRIBUTIONS

1. 100 Questions and 100 Answers for Brain Tumor. Seung Hoon Lee (Editor), 2008, National Cancer Center Korea Publisher, Goyang, Korea
2. JH Jang, MS Kim, **YZ Kim**. Primary Central Nervous System Lymphoma: Incidence, Management and Outcome. Chapter 11. Clinical Outcome of High dose Methotrexate-Based Vincristine and Procarbazine Combination Chemotherapy without Radiotherapy for Patients with Primary Central Nervous System Lymphoma. Ryuya Yamanaka (Editor), 2016, Nova Science Publisher, Inc. New York, US.
3. JH Jang, **YZ Kim**. Horizons in Cancer Research Vol 63. Chapter 2. Positive effect of microscopic complete resection on controlling the local recurrence of a single brain metastasis. Hiroto S. Watanabe (Editor), 2017, Nova Science Publisher, Inc. New York, US.
4. SH Lee, **YZ Kim**. Histone and DNA Methylation as Cancer Targets. Chapter 15. Brain Cancer. Kaneda Tsukada (Editor), 2017, Springer, New York, US.
5. KS Sung, **YZ Kim**. Studies on Brain and Spinal Cord Tumors. Chapter 2. Brain Metastasis. Chapter 2. Young Zoon Kim (Editor), 2017, Open Access eBooks, Las Vegas, NV, USA.

Signature: Kim Young Zoon, M.D., Ph.D.


