



## Gordon Li, MD

Associate Professor of Neurosurgery and, by courtesy, of Neurology and of Otolaryngology-Head and Neck Surgery at the Stanford University Medical Center

### CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

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### Bio

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### CLINICAL FOCUS

- Cancer > Neuro Oncology
- Neurosurgery
- Brain Tumors
- radiosurgery
- Minimally Invasive Surgical Procedures

### ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Neurosurgery
- Associate Professor - Med Center Line (By courtesy), Neurology & Neurological Sciences
- Associate Professor - Med Center Line (By courtesy), Otolaryngology - Head & Neck Surgery Divisions
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

### HONORS AND AWARDS

- Plummer Linzy Scholarship, University of California, Davis (2000)
- Ernest Gold Award, University of California, Davis (2001)
- Predoctoral Research Award, University of California, Davis (2001)
- Junior AOA, University of California, Davis (2002)
- SANS Challenge Finalist, Congress of Neurological Surgeons (2008)
- Ruth L. Kirschstein National Research Service Award (PI), NIH-NCI (1F32CA132329-01) (2008-2010)

- Center for Brain and Behavior Awards in Pediatric Neurosciences (co-investigator), Lucile Packard Children's Hospital (2009-2011)
- Grand Opportunity Grant (co-investigator), NIH (RC2CA148491-01) (2009-2011)
- Disease Team Therapy Development Planning Award (Planning Investigator), CIRM (DR2-05373) (2011-2012)
- K08 Mentored Research Grant: PI, NIH-KNS085333A (2013-2018)
- Stanford Cancer Institute Bioscience Screening Award PI, Stanford Cancer Institute (2014)
- Stanford Spectrum-Medtech Translational Grant (PI), Stanford Spectrum (2014)
- Translational Grant Co-PI, CIRM (TRAN1-08522) (2016)
- Michael Edwards Resident Teaching Award, Stanford University Department of Neurosurgery (2017)

## PROFESSIONAL EDUCATION

- Residency: Stanford University Neurosurgery Residency (2011) CA
- Internship: Stanford University Neurosurgery Residency (2005) CA
- Medical Education: University of California Davis School of Medicine (2004) CA
- Board Certification: Neurosurgery, American Board of Neurological Surgery (2014)
- Bachelor of Science, Brown University , Neuroscience (1999)

## LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

- 1.) My laboratory studies the biology of brain tumors with the goal of developing novel therapeutics for the treatment of malignant brain tumors and translating that research into clinical trials.
- 2.) My clinical interests include improving surgical techniques for brain tumor surgery, immunotherapy for the treatment of glioblastoma, and novel uses for stereotactic radiosurgery.

### CLINICAL TRIALS

- Minimally Invasive Surgery Plus Rt-PA for ICH Evacuation Phase III, Recruiting
- Panitumumab-IRDye800 in Diagnosing Participants With Malignant Glioma Undergoing Surgery, Recruiting
- Surgical Idiopathic Intracranial Hypertension Treatment Trial, Recruiting
- A Study of Rindopepimut/GM-CSF in Patients With Relapsed EGFRvIII-Positive Glioblastoma, Not Recruiting
- Cetuximab-IRDye 800CW in Detecting Tumors in Patients With Malignant Glioma Undergoing Surgery, Not Recruiting
- Phase I Rindopepimut After Conventional Radiation in Children w/ Diffuse Intrinsic Pontine Gliomas, Not Recruiting
- Study of Fractionated Stereotactic Radiosurgery to Treat Large Brain Metastases, Not Recruiting
- The Toca 5 Trial: Toca 511 & Toca FC Versus Standard of Care in Patients With Recurrent High Grade Glioma, Not Recruiting
- Vaccine Therapy With Bevacizumab Versus Bevacizumab Alone in Treating Patients With Recurrent Glioblastoma Multiforme That Can Be Removed by Surgery, Not Recruiting

## Teaching

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### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Sara Bolin

## Publications

### PUBLICATIONS

- **Facial Nerve Paralysis Occurring 4 Days following Stereotactic Radiosurgery for a Vestibular Schwannoma.** *Asian journal of neurosurgery*  
Chow, K. K., Ajlan, A., Ho, A. L., Li, G., Soltys, S. G.  
; 14 (1): 262–65
- **Prognostic Factors and Treatment Patterns in the Management of Giant Cell Glioblastoma.** *World neurosurgery*  
Jin, M. C., Wu, A., Xiang, M., Azad, T. D., Soltys, S. G., Li, G., Pollom, E. L.  
2019
- **Adverse Radiation Effect and Disease Control in Patients Undergoing Stereotactic Radiosurgery and Immune Checkpoint Inhibitor Therapy for Brain Metastases.** *World neurosurgery*  
Koenig, J. L., Shi, S., Sborov, K., Gensheimer, M. F., Li, G., Nagpal, S., Chang, S. D., Gibbs, I. C., Soltys, S. G., Pollom, E. L.  
2019
- **Lumboperitoneal and Ventriculoperitoneal Shunting for Idiopathic Intracranial Hypertension Demonstrate Comparable Failure and Complication Rates.** *Neurosurgery*  
Azad, T. D., Zhang, Y., Varshneya, K., Veeravagu, A., Ratliff, J. K., Li, G.  
2019
- **Publisher Correction: Notch1 regulates the initiation of metastasis and self-renewal of Group 3 medulloblastoma.** *Nature communications*  
Kahn, S. A., Wang, X., Nitta, R. T., Gholamin, S., Theruvath, J., Hutter, G., Azad, T. D., Wadi, L., Bolin, S., Ramaswamy, V., Esparza, R., Liu, K., Edwards, et al  
2018; 9 (1): 4651
- **TREATMENT WITH THE CASEIN KINASE 2 INHIBITOR, CX-4945, SENSITIZES MEDULLOBLASTOMA TO TEMOZOLOMIDE**  
Nitta, R., Li, G.  
OXFORD UNIV PRESS INC.2018: 52–53
- **How Intraoperative Tools and Techniques Have Changed the Approach to Brain Tumor Surgery.** *Current oncology reports*  
Fatemi, P., Zhang, M., Miller, K. J., Robe, P., Li, G.  
2018; 20 (11): 89
- **Developmental phosphoproteomics identifies the kinase CK2 as a driver of Hedgehog signaling and a therapeutic target in medulloblastoma.** *Science signaling*  
Purzner, T., Purzner, J., Buckstaff, T., Cozza, G., Gholamin, S., Rusert, J. M., Hartl, T. A., Sanders, J., Conley, N., Ge, X., Langan, M., Ramaswamy, V., Ellis, et al  
2018; 11 (547)
- **Casein kinase 2 is a major regulator of medulloblastoma growth**  
Nitta, R., Bolin, S., Nwagbo, G., Purzner, T., Kahn, S., Cho, Y., Li, G.  
AMER ASSOC CANCER RESEARCH.2018
- **In Reply: The Use of Vancomycin Powder for Surgical Prophylaxis Following Craniotomy** *NEUROSURGERY*  
Ho, A. L., Li, G. H.  
2018; 82 (2): E71
- **First-in-human intraoperative near-infrared fluorescence imaging of glioblastoma using cetuximab-IRDye800.** *Journal of neuro-oncology*  
Miller, S. E., Tummers, W. S., Teraphongphom, N., van den Berg, N. S., Hasan, A., Ertsey, R. D., Nagpal, S., Recht, L. D., Plowey, E. D., Vogel, H., Harsh, G. R., Grant, G. A., Li, et al  
2018
- **Notch1 regulates the initiation of metastasis and self-renewal of Group 3 medulloblastoma.** *Nature communications*  
Kahn, S. A., Wang, X., Nitta, R. T., Gholamin, S., Theruvath, J., Hutter, G., Azad, T. D., Wadi, L., Bolin, S., Ramaswamy, V., Esparza, R., Liu, K. W., Edwards, et al  
2018; 9 (1): 4121
- **Quantification of Macrophages in High-Grade Gliomas by Using Ferumoxytol-enhanced MRI: A Pilot Study.** *Radiology*  
Iv, M., Samghabadi, P., Holdsworth, S., Gentles, A., Rezaii, P., Harsh, G., Li, G., Thomas, R., Moseley, M., Daldrup-Link, H. E., Vogel, H., Wintermark, M., Cheshier, et al

2018: 181204

- **Clinical factors associated with mortality within three months after radiosurgery of asymptomatic brain metastases from non-small cell lung cancer.** *Journal of neuro-oncology*  
Kakusa, B., Han, S., Aggarwal, S., Liu, B., Li, G., Soltys, S., Hayden Gephart, M.  
2018
- **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors.** *Neurosurgery*  
Chin, A. L., Fujimoto, D., Kumar, K. A., Tupper, L., Mansour, S., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R., Li, G., Gephart, M. H., Ratliff, et al  
2018
- **Topical vancomycin surgical prophylaxis in pediatric open craniotomies: an institutional experience.** *Journal of neurosurgery. Pediatrics*  
Ho, A. L., Cannon, J. G., Mohole, J., Pendharkar, A. V., Sussman, E. S., Li, G., Edwards, M. S., Cheshier, S. H., Grant, G. A.  
2018: 1–6
- **Osimertinib for EGFR-Mutant Lung Cancer with Brain Metastases: Results from a Single-Center Retrospective Study.** *The oncologist*  
Xie, L., Nagpal, S., Wakelee, H. A., Li, G., Soltys, S. G., Neal, J. W.  
2018
- **Multiple Extradural Spinal Meningiomas in a Patient with Acquired Immunodeficiency Syndrome: Case Report and Literature Review.** *World neurosurgery*  
Ghanchi, H., Hariri, O. R., Takayanagi, A., Li, G.  
2018
- **Cranioplasty Complications and Costs: A National Population-Level Analysis Using the MarketScan Longitudinal Database.** *World neurosurgery*  
Li, A., Azad, T. D., Veeravagu, A., Bhatti, I., Long, C., Ratliff, J. K., Li, G.  
2017; 102: 209-220
- **The Use of Vancomycin Powder for Surgical Prophylaxis Following Craniotomy.** *Neurosurgery*  
Ravikumar, V., Ho, A. L., Pendhakar, A. V., Sussman, E. S., Kwong-Hon Chow, K., Li, G.  
2017; 80 (5): 754-758
- **History and current state of immunotherapy in glioma and brain metastasis** *THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY*  
McGranahan, T., Li, G., Nagpal, S.  
2017; 9 (5): 347-368
- **Phase 1/2 Trial of 5-Fraction Stereotactic Radiosurgery With 5-mm Margins With Concurrent and Adjuvant Temozolomide in Newly Diagnosed Supratentorial Glioblastoma: Health-Related Quality of Life Results.** *International journal of radiation oncology, biology, physics*  
Pollom, E. L., Fujimoto, D., Wynne, J., Seiger, K., Modlin, L. A., Jacobs, L. R., Azoulay, M., von Eyben, R., Tupper, L., Gibbs, I. C., Hancock, S. L., Li, G., Chang, et al  
2017; 98 (1): 123-130
- **Neurosurgery concepts: Key perspectives on imaging characteristics of spinal metastases, surgery for low back pain, anesthesia for disc surgery, and laminectomy versus laminectomy and fusion for lumbar spondylolisthesis.** *Surgical neurology international*  
Lagman, C., Chung, L. K., Macyszyn, L., Choy, W., Smith, Z. A., Dahdaleh, N. S., Bohnen, A. M., Cho, J. M., Colen, C. B., Duckworth, E., Germanwala, A. V., Kan, P., Khalessi, et al  
2017; 8: 9
- **Comparison of porcine and bovine collagen dural substitutes in posterior fossa decompression for Chiari I malformation in adults.** *World neurosurgery*  
Lee, C. K., Mokhtari, T., Connolly, I. D., Li, G., Shuer, L. M., Chang, S. D., Steinberg, G. K., Gephart, M. H.  
2017
- **Single-Cell RNA-Seq Analysis of Infiltrating Neoplastic Cells at the Migrating Front of Human Glioblastoma.** *Cell reports*  
Darmanis, S., Sloan, S. A., Croote, D., Mignardi, M., Chernikova, S., Samghababi, P., Zhang, Y., Neff, N., Kowarsky, M., Caneda, C., Li, G., Chang, S. D., Connolly, et al  
2017; 21 (5): 1399–1410
- **Imaging changes over 18 months following stereotactic radiosurgery for brain metastases: both late radiation necrosis and tumor progression can occur.** *Journal of neuro-oncology*  
Fujimoto, D., von Eyben, R., Gibbs, I. C., Chang, S. D., Li, G., Harsh, G. R., Hancock, S., Fischbein, N., Soltys, S. G.

2017

- **Endoscopic vs. Microscopic Resection of Sellar Lesions-A Matched Analysis of Clinical and Socioeconomic Outcomes.** *Frontiers in surgery*  
Azad, T. D., Lee, Y. J., Vail, D., Veeravagu, A., Hwang, P. H., Ratliff, J. K., Li, G.  
2017; 4: 33
- **Stereotactic Radiosurgery and Hypofractionated Radiotherapy for Glioblastoma.** *Neurosurgery*  
Shah, J. L., Li, G., Shaffer, J. L., Azoulay, M. I., Gibbs, I. C., Nagpal, S., Soltys, S. G.  
2017
- **Microsurgical vs. Endoscopic Excision of Colloid Cysts: An Analysis of Complications and Costs Using a Longitudinal Administrative Database.** *Frontiers in neurology*  
Connolly, I. D., Johnson, E., Lamsam, L., Veeravagu, A., Ratliff, J., Li, G.  
2017; 8: 259
- **Neurosurgery concepts: Key perspectives on endoscopic versus microscopic resection for pituitary adenomas, surgical decision-making in tuberculum sellae meningiomas, optic nerve mobilization during resection of craniopharyngiomas, and evaluation of headache and quality of life after endoscopic transphenoidal surgery for pituitary adenomas.** *Surgical neurology international*  
Germanwala, A. V., Hofler, R., Lagman, C., Chung, L. K., Khalessi, A. A., Zada, G., Smith, Z. A., Dahdaleh, N. S., Bohnen, A. M., Cho, J. M., Colen, C. B., Duckworth, E., Kan, et al  
2017; 8: 52
- **Magnetic Resonance-Guided Laser-Induced Thermal Therapy for Recurrent Brain Metastases in the Motor Strip After Stereotactic Radiosurgery.** *Cureus*  
Iyer, A., Halpern, C. H., Grant, G. A., Deb, S., Li, G. H.  
2016; 8 (12)
- **Frameless, electromagnetic image-guided ventriculostomy for ventriculoperitoneal shunt and Ommaya reservoir placement** *CLINICAL NEUROLOGY AND NEUROSURGERY*  
Xu, L. W., Sussman, E. S., Li, G.  
2016; 147: 46-52
- **Glioblastoma Multiforme Recurrence: An Exploratory Study of (18)F FPPRGD2 PET/CT.** *Radiology*  
Iagaru, A., Mosci, C., Mitra, E., Zaharchuk, G., Fischbein, N., Harsh, G., Li, G., Nagpal, S., Recht, L., Gambhir, S. S.  
2016; 280 (1): 328-?
- **Dose-Response Modeling of the Visual Pathway Tolerance to Single-Fraction and Hypofractionated Stereotactic Radiosurgery** *SEMINARS IN RADIATION ONCOLOGY*  
Hiniker, S. M., Modlin, L. A., Choi, C. Y., Atalar, B., Seiger, K., Binkley, M. S., Harris, J. P., Liao, Y. J., Fischbein, N., Wang, L., Ho, A., Lo, A., Chang, et al  
2016; 26 (2): 97-104
- **Endovascular therapies for malignant gliomas: Challenges and the future** *JOURNAL OF CLINICAL NEUROSCIENCE*  
Su, Y. S., Ali, R., Feroze, A. H., Li, G., Lawton, M. T., Choudhri, O.  
2016; 26: 26-32
- **New tools for studying microglia in the mouse and human CNS.** *Proceedings of the National Academy of Sciences of the United States of America*  
Bennett, M. L., Bennett, F. C., Liddelow, S. A., Ajami, B., Zamanian, J. L., Fernhoff, N. B., Mulinyawe, S. B., Bohlen, C. J., Adil, A., Tucker, A., Weissman, I. L., Chang, E. F., Li, et al  
2016; 113 (12): E1738-46
- **Intracranial Dislocation of the Mandibular Condyle: A Case Report and Literature Review** *WORLD NEUROSURGERY*  
Zhang, M., Alexander, A. L., Most, S. P., Li, G., Harris, O. A.  
2016; 86
- **Purification and Characterization of Progenitor and Mature Human Astrocytes Reveals Transcriptional and Functional Differences with Mouse** *NEURON*  
Zhang, Y., Sloan, S. A., Clarke, L. E., Caneda, C., Plaza, C. A., Blumenthal, P. D., Vogel, H., Steinberg, G. K., Edwards, M. S., Li, G., Duncan, J. A., Cheshier, S. H., Shuer, et al  
2016; 89 (1): 37-53
- **Immune Evasion Strategies of Glioblastoma.** *Frontiers in surgery*  
Razavi, S., Lee, K. E., Jin, B. E., Aujla, P. S., Gholamin, S., Li, G.

2016; 3: 11-?

- **Endovascular therapies for malignant gliomas: Challenges and the future.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*  
Su, Y. S., Ali, R., Feroze, A. H., Li, G., Lawton, M. T., Choudhri, O.  
2016; 26: 26-32
- **Dose-Response Modeling of the Visual Pathway Tolerance to Single-Fraction and Hypofractionated Stereotactic Radiosurgery.** *Seminars in radiation oncology*  
Hiniker, S. M., Modlin, L. A., Choi, C. Y., Atalar, B., Seiger, K., Binkley, M. S., Harris, J. P., Liao, Y. J., Fischbein, N., Wang, L., Ho, A., Lo, A., Chang, et al  
2016; 26 (2): 97-104
- **Key perspectives on auditory outcomes following radiosurgery for vestibular schwannoma, tumor treating fields for glioblastoma, and a proposed myelopathy score for cervical decompression surgery, intracranial pressure monitoring in diffuse traumatic brain injury.** *Surgical neurology international*  
Sherman, J. H., Li, G., Cho, J. M., Choy, W., Yang, I., Smith, Z. A.  
2016; 7 (Suppl 27): S725-S728
- **Craniotomy for Resection of Meningioma: An Age-Stratified Analysis of the MarketScan Longitudinal Database** *WORLD NEUROSURGERY*  
Connolly, I. D., Cole, T., Veeravagu, A., Papat, R., Ratliff, J., Li, G.  
2015; 84 (6): 1864-1870
- **Glioblastoma Multiforme Recurrence: An Exploratory Study of F-18 FPPRGD(2) PET/CT1** *RADIOLOGY*  
Iagaru, A., Mosci, C., Mittra, E., Zaharchuk, G., Fischbein, N., Harsh, G., Li, G., Nagpal, S., Recht, L., Gambhir, S. S.  
2015; 277 (2): 497-506
- **Repeat Courses of Stereotactic Radiosurgery (SRS), Deferring Whole-Brain Irradiation, for New Brain Metastases After Initial SRS** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Shultz, D. B., Modlin, L. A., Jayachandran, P., von Eyben, R., Gibbs, I. C., Choi, C. Y., Chang, S. D., Harsh, G. R., Li, G., Adler, J. R., Hancock, S. L., Soltys, S. G.  
2015; 92 (5): 993-999
- **Casein kinase 2a regulates glioblastoma brain tumor-initiating cell growth through the  $\beta$ -catenin pathway.** *Oncogene*  
Nitta, R. T., Gholamin, S., Feroze, A. H., Agarwal, M., Cheshier, S. H., Mitra, S. S., Li, G.  
2015; 34 (28): 3688-3699
- **Combining immunotherapy with radiation for the treatment of glioblastoma.** *Journal of neuro-oncology*  
Chow, K. K., Hara, W., Lim, M., Li, G.  
2015; 123 (3): 459-464
- **Glioblastoma antigen discovery--foundations for immunotherapy.** *Journal of neuro-oncology*  
Azad, T. D., Razavi, S., Jin, B., Lee, K., Li, G.  
2015; 123 (3): 347-358
- **Phase II pilot study of single-agent etirinotecan pegol (NKTR-102) in bevacizumab-resistant high grade glioma** *JOURNAL OF NEURO-ONCOLOGY*  
Nagpal, S., Recht, C. K., Bertrand, S., Thomas, R. P., Ajlan, A., Pena, J., Gershon, M., Coffey, G., Kunz, P. L., Li, G., Recht, L. D.  
2015; 123 (2): 277-282
- **gamma-Glutamyl transferase 7 is a novel regulator of glioblastoma growth** *BMC CANCER*  
Bui, T. T., Nitta, R. T., Kahn, S. A., Razavi, S., Agarwal, M., Aujla, P., Gholamin, S., Recht, L., Li, G.  
2015; 15
- **Preoperative endovascular embolization of meningiomas: update on therapeutic options** *NEUROSURGICAL FOCUS*  
Shah, A., Choudhri, O., Jung, H., Li, G.  
2015; 38 (3)
- **Dual-trajectory Approach for Simultaneous Cyst Fenestration and Endoscopic Third Ventriculostomy for Treatment of a Complex Third Ventricular Arachnoid Cyst.** *Cureus*  
Ho, A. L., Pendharkar, A. V., Sussman, E. S., Ravikumar, V. K., Li, G. H.  
2015; 7 (3)
- **The Combined Subtemporal-Transfacial Approach for the Resection of Juvenile Nasopharyngeal Angiofibromas With Intracranial Extension** *OTOLOGY & NEUROTOLOGY*

- Kumar, A. R., Nayak, J. V., Janisiewicz, A. M., Li, G., Oghalai, J. S.  
2015; 36 (1): 151-155
- **Glioblastoma Multiforme Recurrence: An Exploratory Study of (18)F FPPRGD2 PET/CT.** *Radiology*  
Iagaru, A., Mosci, C., Mittra, E., Zaharchuk, G., Fischbein, N., Harsh, G., Li, G., Nagpal, S., Recht, L., Gambhir, S. S.  
2015: 141550
  - **Retrosigmoid Versus Translabyrinthine Approach for Acoustic Neuroma Resection: An Assessment of Complications and Payments in a Longitudinal Administrative Database.** *Cureus*  
Cole, T., Veeravagu, A., Zhang, M., Azad, T., Swinney, C., Li, G. H., Ratliff, J. K., Giannotta, S. L.  
2015; 7 (10)
  - **Atypical and Rare Variants of Central Neurocytomas** *NEUROSURGERY CLINICS OF NORTH AMERICA*  
Choudhri, O., Razavi, S., Vogel, H., Li, G.  
2015; 26 (1): 91-?
  - **Key perspectives on donepezil following brain irradiation, sacroiliac joint fusion, indocyanine green fluorescence endoscope in endonasal transsphenoidal surgery, postconcussion syndrome in young athletes.** *Surgical neurology international*  
Li, G., Dahdaleh, N. S., Germanwala, A. V., Lam, S., Choy, W., Smith, Z. A., Yang, I.  
2015; 6 (Suppl 26): S647-50
  - **107 ReACT: Overall Survival From a Randomized Phase II Study of Rindopepimut (CDX-110) Plus Bevacizumab in Relapsed Glioblastoma.** *Neurosurgery*  
Reardon, D. A., Schuster, J. M., Tran, D. D., Fink, K. L., Nabors, L. B., Li, G., Bota, D. A., Lukas, R. V., Desjardins, A., Ashby, L. S., Duic, J. P., Mrugala, M. M., Werner, et al  
2015; 62 Suppl 1, CLINICAL NEUROSURGERY: 198-99
  - **Neurosurgery Concepts: Key perspectives on quality of life in children with spina bifida, cilengtide for the treatment of newly diagnosed glioblastoma, surgery and stereotactic radiosurgery in the management of intracranial metastasis, Gamma Knife radiosurgery in patients with Neurofibromatosis Type 2, patient misconceptions on the diagnosis and treatment of lumbar spondylosis.** *Surgical neurology international*  
Lam, S., Li, G., Zada, G., Pelargos, P., Choy, W., Yang, I., Smith, Z. A.  
2015; 6: 110
  - **Neurosurgery Concepts: Key perspectives on Traumatic Brain Injury, New Treatments for Glioblastoma, Hemispherectomy for Extensive Middle-Cerebral-Artery Stroke, Minimally Invasive Spine Surgery and Lumbar Epidural Injections for Radiculopathy.** *Surgical neurology international*  
Cho, J. M., Colen, C. B., Li, G., Wang, V. Y., Dahdaleh, N., Choy, W., Yang, I., Smith, Z. A.  
2015; 6: 98
  - **Neurosurgery concepts: Key perspectives on dendritic cell vaccines, metastatic tumor treatment, and radiosurgery.** *Surgical neurology international*  
Li, G., Sherman, J. H., Cho, J. M., Lim, M., Khalessi, A. A., Colen, C. B., Kim, C. Y., Wang, V. Y., Zada, G., Smith, Z. A., Yang, I.  
2015; 6: 6
  - **Intracranial fat migration: A newly described complication of autologous fat repair of a cerebrospinal fluid leak following supracerebellar infratentorial approach.** *International journal of surgery case reports*  
Ludwig, C. A., Aujla, P., Moreno, M., Veeravagu, A., Li, G.  
2015; 7C: 1-5
  - **Atypical and rare variants of central neurocytomas.** *Neurosurgery clinics of North America*  
Choudhri, O., Razavi, S., Vogel, H., Li, G.  
2015; 26 (1): 91-98
  - **The Future of Glioblastoma Therapy: Synergism of Standard of Care and Immunotherapy** *CANCERS*  
Patel, M. A., Kim, J. E., Ruzevick, J., Li, G., Lim, M.  
2014; 6 (4): 1953-1985
  - **Targeting a Glioblastoma Cancer Stem-Cell Population Defined by EGF Receptor Variant III.** *Cancer research*  
Emlet, D. R., Gupta, P., Holgado-Madruga, M., Del Vecchio, C. A., Mitra, S. S., Han, S., Li, G., Jensen, K. C., Vogel, H., Xu, L. W., Skirboll, S. S., Wong, A. J.  
2014; 74 (4): 1238-1249
  - **Current Vaccine Trials in Glioblastoma: A Review** *JOURNAL OF IMMUNOLOGY RESEARCH*  
Xu, L., Chow, K. K., Lim, M., Li, G.

2014

- **Pilocytic astrocytoma with IDH1 mutation in the cerebellum of an elderly patient.** *Clinical neuropathology*  
Medress, Z. A., Xu, L. W., Ziskin, J. L., Lefterova, M., Vogel, H., Li, G.  
2014
- **The future of glioblastoma therapy: synergism of standard of care and immunotherapy.** *Cancers*  
Patel, M. A., Kim, J. E., Ruzevick, J., Li, G., Lim, M.  
2014; 6 (4): 1953-1985
- **Casein Kinase 2: a novel player in glioblastoma therapy and cancer stem cells.** *Journal of molecular and genetic medicine : an international journal of biomedical research*  
Agarwal, M., Nitta, R. T., Li, G.  
2013; 8 (1)
- **Risk of Leptomeningeal Disease in Patients Treated With Stereotactic Radiosurgery Targeting the Postoperative Resection Cavity for Brain Metastases** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Atalar, B., Modlin, L. A., Choi, C. Y., Adler, J. R., Gibbs, I. C., Chang, S. D., Harsh, G. R., Li, G., Nagpal, S., Hanlon, A., Soltys, S. G.  
2013; 87 (4): 713-718
- **Multi-institutional validation of a preoperative scoring system which predicts survival for patients with glioblastoma.** *Journal of clinical neuroscience*  
Chaichana, K. L., Pendleton, C., Chambless, L., Camara-Quintana, J., Nathan, J. K., Hassam-Malani, L., Li, G., Harsh, G. R., Thompson, R. C., Lim, M., Quinones-Hinojosa, A.  
2013; 20 (10): 1422-1426
- **The invasive nature of glioblastoma.** *World neurosurgery*  
Nitta, R. T., Li, G.  
2013; 80 (3-4): 279-280
- **The incidence and significance of multiple lesions in glioblastoma** *JOURNAL OF NEURO-ONCOLOGY*  
Thomas, R. P., Xu, L. W., Lober, R. M., Li, G., Nagpal, S.  
2013; 112 (1): 91-97
- **Neurosurgery concepts: Key perspectives on regulatory proteins, management of ossification of the posterior longitudinal ligament, and radiosurgery for intracranial lesions.** *Surgical neurology international*  
Sherman, J. H., Smith, Z. A., Cho, J. M., Lim, M., Colen, C. B., Kim, C., Wang, V. Y., Zada, G., Li, G., Yang, I.  
2013; 4: 35-?
- **GLIOBLASTOMA CELLS EXPRESSING EGFRVIII ARE MORE SENSITIVE TO CK2 INHIBITION** *17th Annual Scientific Meeting and Education Day of the Society-for-Neuro-Oncology (SNO)*  
Nitta, R., Mitra, S., Bui, T., Li, G.  
OXFORD UNIV PRESS INC.2012: 7-8
- **The predictive value of serum myeloperoxidase for vasospasm in patients with aneurysmal subarachnoid hemorrhage** *NEUROSURGICAL REVIEW*  
Lim, M., Bower, R. S., Wang, Y., Sims, L., Bower, M. R., Camara-Quintana, J., Li, G., Cheshier, S., Harsh, G. R., Steinberg, G. K., Guccione, S.  
2012; 35 (3): 413-419
- **Expression of epidermal growth factor variant III (EGFRvIII) in pediatric diffuse intrinsic pontine gliomas** *JOURNAL OF NEURO-ONCOLOGY*  
Li, G., Mitra, S. S., Monje, M., Henrich, K. N., Bangs, C. D., Nitta, R. T., Wong, A. J.  
2012; 108 (3): 395-402
- **Arachnoid ossificans containing metaplastic hematopoietic marrow resulting in diffuse thoracic intrathecal cysts and severe myelopathy.** *European spine journal*  
Abrams, J., Li, G., Mindea, S. A., Haynes, C. M., Cheng, I.  
2012; 21: S436-40
- **The CD47-signal regulatory protein alpha (SIRPα) interaction is a therapeutic target for human solid tumors** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Willingham, S. B., Volkmer, J., Gentles, A. J., Sahoo, D., Dalerba, P., Mitra, S. S., Wang, J., Contreras-Trujillo, H., Martin, R., Cohen, J. D., Lovelace, P., Scheeren, F. A., Chao, et al  
2012; 109 (17): 6662-6667



- **Pathology: Commonly Monitored Glioblastoma Markers: EGFR, EGFRvIII, PTEN, and MGMT** *NEUROSURGERY CLINICS OF NORTH AMERICA*  
Camara-Quintana, J. Q., Nitta, R. T., Li, G.  
2012; 23 (2): 237-?
- **Targeting EGF receptor variant III: tumor-specific peptide vaccination for malignant gliomas** *EXPERT REVIEW OF VACCINES*  
Del Vecchio, C. A., Li, G., Wong, A. J.  
2012; 11 (2): 133-144
- **Perspectives on key articles in neurosurgery.** *Surgical neurology international*  
Lim, M., Sherman, J. H., Wang, V. Y., Smith, Z. A., Cho, J. M., Colen, C. B., Kim, C. Y., Zada, G., Li, G., Yang, I.  
2012; 3: 58-?
- **RADIOSURGERY OF GLOMUS JUGULARE TUMORS: A META-ANALYSIS** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Guss, Z. D., Batra, S., Limb, C. J., Li, G., Sughrue, M. E., Redmond, K., Rigamonti, D., Parsa, A. T., Chang, S., Kleinberg, L., Lim, M.  
2011; 81 (4): E497-E502
- **Hedgehog-responsive candidate cell of origin for diffuse intrinsic pontine glioma** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Monje, M., Mitra, S. S., Freret, M. E., Raveh, T. B., Kim, J., Masek, M., Attema, J. L., Li, G., Haddix, T., Edwards, M. S., Fisher, P. G., Weissman, I. L., Rowitch, et al  
2011; 108 (11): 4453-4458
- **Neurosurgery concepts.** *Surgical neurology international*  
Yang, I., Cho, J. M., Colen, C. B., Li, G., Lim, M., Sherman, J. H., Wang, V. Y.  
2011; 2: 173-?
- **Development of an EGFRvIII specific recombinant antibody** *BMC BIOTECHNOLOGY*  
Gupta, P., Han, S., Holgado-Madruga, M., Mitra, S. S., Li, G., Nitta, R. T., Wong, A. J.  
2010; 10
- **Pineal Parenchymal Tumor of Intermediate Differentiation: Clinicopathological Report and Analysis of Epidermal Growth Factor Receptor Variant III Expression** *NEUROSURGERY*  
Li, G., Mitra, S., Karamchandani, J., Edwards, M. S., Wong, A. J.  
2010; 66 (5): 963-968
- **Passive Antibody-Mediated Immunotherapy for the Treatment of Malignant Gliomas** *NEUROSURGERY CLINICS OF NORTH AMERICA*  
Mitra, S., Li, G., Harsh, G. R.  
2010; 21 (1): 67-?
- **Radiosurgery of Glomus Jugulare Tumors: A Meta-analysis** *52nd Annual Meeting of the American-Society-for-Therapeutic-Radiation-Oncology (ASTRO)*  
Guss, Z. D., Batra, S., Li, G., Chang, S. D., Parsa, A. T., Rigamonti, D., Kleinberg, L., Lim, M.  
ELSEVIER SCIENCE INC.2010: S288-S289
- **The Epidermal Growth Factor Variant III Peptide Vaccine for Treatment of Malignant Gliomas** *NEUROSURGERY CLINICS OF NORTH AMERICA*  
Li, G., Mitra, S., Wong, A. J.  
2010; 21 (1): 87-?
- **Radiosurgery for glomus jugulare: history and recent progress** *NEUROSURGICAL FOCUS*  
Guss, Z. D., Batra, S., Li, G., Chang, S. D., Parsa, A. T., Rigamonti, D., Kleinberg, L., Lim, M.  
2009; 27 (6)
- **CYBERKNIFE FOR BRAIN METASTASES OF MALIGNANT MELANOMA AND RENAL CELL CARCINOMA** *NEUROSURGERY*  
Hara, W., Tran, P., Li, G., Su, Z., Puataweepong, P., Adler, J. R., Soltys, S. G., Chang, S. D., Gibbs, I. C.  
2009; 64 (2): A26-A32
- **Perioperative management of ventriculoperitoneal shunts during abdominal surgery** *SURGICAL NEUROLOGY*  
Li, G., Dutta, S.  
2008; 70 (5): 492-497

- **EGF receptor variant III as a target antigen for tumor immunotherapy** *EXPERT REVIEW OF VACCINES*  
Li, G., Wong, A. J.  
2008; 7 (7): 977-985
- **Effects of age and Comorbidities on complication rates and adverse outcomes after lumbar laminectomy in elderly patients** *SPINE*  
Li, G., Patil, C. G., Lad, S. P., Ho, C., Tian, W., Boakye, M.  
2008; 33 (11): 1250-1255
- **Intracranial hypotension from intrathecal baclofen pump insertion** *STEREOTACTIC AND FUNCTIONAL NEUROSURGERY*  
Lad, S. P., Li, G., Lin, S., Henderson, J. M.  
2008; 86 (2): 75-79
- **CyberKnife radiosurgical rhizotomy for the treatment of atypical trigeminal nerve pain.** *Neurosurgical focus*  
Patil, C. G., Veeravagu, A., Bower, R. S., Li, G., Chang, S. D., Lim, M., Adler, J. R.  
2007; 23 (6): E9-?
- **Irradiation of glomus jugulare tumors: a historical perspective.** *Neurosurgical focus*  
Li, G., Chang, S., Adler, J. R., Lim, M.  
2007; 23 (6): E13-?
- **CyberKnife rhizotomy for facetogenic back pain: a pilot study.** *Neurosurgical focus*  
Li, G., Patil, C., Adler, J. R., Lad, S. P., Soltys, S. G., Gibbs, I. C., Tupper, L., Boakye, M.  
2007; 23 (6): E2-?
- **Robotic radiosurgery for the treatment of radioresistant brain metastases** *7th Congress of the European-Association-for-Neuro-Oncology (EANO)*  
Hara, W., Li, G., Puataweepong, P., Adler, J., Chang, S., Gibbs, I. C.  
OXFORD UNIV PRESS INC.2006: 486-86
- **Carotid and vertebral rete mirabile in man presenting with intraparenchymal hemorrhage: a case report.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*  
Li, G., Jayaraman, M. V., Lad, S. P., Adler, J., Do, H., Steinberg, G. K.  
2006; 15 (5): 228-231
- **Cerebral perfusion imaging in vasospasm.** *Neurosurgical focus*  
Lad, S. P., Guzman, R., Kelly, M. E., Li, G., Lim, M., Lovbald, K., Steinberg, G. K.  
2006; 21 (3): E7-?
- **Surfactant protein-A-deficient mice display an exaggerated early inflammatory response to a beta-resistant strain of influenza A virus** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*  
Li, G., Siddiqui, J., Hendry, M., Akiyama, J., Edmondson, J., Brown, C., Allen, L., Levitt, S., Poulain, F., Hawgood, S.  
2002; 26 (3): 277-282
- **GM-CSF mediates alveolar macrophage proliferation and type II cell hypertrophy in SP-D gene-targeted mice** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*  
Hawgood, S., Akiyama, J., Brown, C., Allen, L., Li, G., Poulain, F. R.  
2001; 280 (6): L1148-L1156