

**Quoc-Anh Thai, MD, FAANS, FACS**  
**RESEARCH ACTIVITIES**

**Publications: Peer-reviewed Original Science Research**

1. Sagher O, Zhang XQ, Szeto W, **Thai QA**, Jin Y, Kassell NF, Lee KS. Live computerized videomicroscopy of cerebral microvessels in brain slices. *Journal of Cerebral Blood Flow & Metabolism* 1993; 13:676-682.
2. Jin Y, Sagher O, **Thai QA**, Kassell NF, Lee KS. The effects of papaverine on phorbol dibutyrate-induced vasoconstriction in brain slice microvessels. *Journal of Neurosurgery* 1994; 81:574-578.
3. Sagher O, Jin Y, **Thai QA**, Fergus A, Kassell NF, Lee KS. Cerebral microvascular responses to Endothelins: the role of ETA receptors. *Brain Research* 1994; 658:179-184
4. Fergus A, Jin Y, **Thai QA**, Kassell NF, Lee KS. Vasodilatory actions of calcitonin gene-related peptide and nitric oxide in parenchymal microvessels of the rat hippocampus. *Brain Research* 1995; 694:78-84.
5. Kamiryo T, Kassell NF, **Thai QA**, Lopes MBS, Lee KS, Steiner L. Histological changes in the normal rat brain after gamma irradiation. *Acta Neurochirurgica* 1996; 138:451-459
6. Fergus A, Jin Y, **Thai QA**, Kassell NF, Lee KS. Tonic protein-kinase C-mediated vasoconstriction is unmasked when nitric-oxide synthase is inhibited in cerebral microvessels. *Neuroscience* 1996; 74:927-934.
7. **Thai QA**, Oshiro EM, Tamargo RJ. Inhibition of experimental vasospasm in rats with the periadventitial administration of ibuprofen using controlled-release polymers. *Stroke* 1999; 30(1):140-147.
8. Tierney TS, Clatterbuck RE, Lawson C, **Thai QA**, Rhines LD, Tamargo RJ. Prevention and reversal of experimental posthemorrhagic vasospasm by the periadventitial administration of nitric oxide from a controlled-release polymer. *Neurosurgery* 2001; 49(4):945-951
9. Pradilla G, **Thai QA**, Wang PP, Legnani FG, Hsu W, Kretzer RM, Tamargo RJ. Delayed intracranial delivery of a nitric oxide donor from a controlled-release polymer prevents experimental cerebral vasospasm in rabbits. *Neurosurgery*. 2004 Dec;55(6):1393-400.
10. Raza SM, Pradilla G, Legnani FG, **Thai QA**, Olivi A, Weingart JD, Brem H. Local delivery of antineoplastic agents for the treatment of malignant brain tumors *Expert Opinion on Biological Therapy* 2005; 5(4):477-494.

11. Pradilla G, **Thai QA**, Legnani FG, Clatterbuck RE, Gailloud P, Murphy K, Tamargo RJ. Local delivery of ibuprofen via controlled-release polymers prevents angiographic vasospasm in a monkey model of subarachnoid hemorrhage. *Neurosurgery*. 2005 Jul;57(1 Suppl):184-90
12. **Thai QA**, Reza S, Pradilla G, Tamargo RJ. Aneurysmal rupture without subarachnoid hemorrhage: Case Series and Literature Review. *Neurosurgery*. 2005 Aug;57(2):225-9
13. Legnani FG, Pradilla, **Thai QA**, Fiorindi A, Recinos PF, Tyler BM, Gaini SM, DiMeco F, Brem H, Olivi A. Lactacystin exhibits potent anti-tumor activity in an animal model of malignant glioma when administered via controlled-release polymers. *Journal of Neuro-Oncology*, 2006 May;58(5):945-51; discussion 945-51.
14. McGirt MJ, Pradilla G, Legnani FG, **Thai QA**, Recinos PF, Tamargo RJ, Clatterbuck RE. Systemic administration of simvastatin after the onset of experimental subarachnoid hemorrhage ameliorates cerebral vasospasm. *Neurosurgery*, 2006 May;58(5):945-51.
15. **Thai QA**, Pradilla G, Legnani FG, Kretzer RM, Hsu W, Tamargo RJ. Lysis of intracerebral hematoma with stereotactically implanted tissue plasminogen activator polymers in a rabbit model. *J. Neurosurgery* 2006 Sep;105(3):424-9.
16. Recinos PF, Pradilla G, **Thai QA**, Hdeib AM, Gomez M, Tamargo RJ. Controlled release of lipopolysaccharide in the subarachnoid space of rabbits induces chronic vasospasm in the absence of blood. *Surg Neurol*. 2006 Nov;66(5):463-9.
17. Raza SM, Jabbour S, **Thai QA**, Pradilla G, Kleinberg LR, Wharam M, Rigamonti D. Repeat stereotactic radiosurgery for high-grade and large intracranial arteriovenous malformations. *Surg Neurol*, 2007 Jul;68(1):24-34
18. Raza SM, **Thai QA**, Pradilla G, Tamargo RJ. Frontozygomatic titanium cranioplasty in frontosphenotemporal ("pterional") craniotomy. *Neurosurgery*, 2008 Mar;62 (3 Suppl 1):262-4; discussion 264-5.
19. Germanwala AV, **ThaiQA**, Pradilla G, Tamargo RJ. Simple technique for intraoperative angiographic localization of small vascular lesions. *Neurosurgery* 67: 818-823, 2010.
20. Ben Nsir A, **Thai QA**, Chaieb L, Jemel H. Calcified suprasellar xanthogranuloma presenting with primary amenorrhea in a 17 year old girl: case report and literature review. *World Neurosurg. Volume 84, Issue 3, September 2015, Pages 866.e11–866.e14*
21. Ben Nsir A, **Thai QA**, Zhani Kassar A, Ben Said, I, Jemel H. Primary cerebellar gliosarcoma with extra-cranial metastases: An orphan differential diagnosis. *World Neurosurg. Volume 84, Issue 6, December 2015, Pages 2076.e13–2076.e17*

22. Ben Nsir A, Gdoura Y, **Thai QA**, Zhani Kassar A, I, Jemel H. Intraventricular Glioblastomas. *World Neurosurg. Volume 88, April 2016, Pages 126-131.*
23. Ben Nsir A, **Thai QA**, Hmida B. Post-Traumatic Uncal Herniation in a Conscious Patient. *World Neurosurg.* 2017 Dec;108:985.e5-985.e6. doi: 10.1016/j.wneu.2017.08.110. Epub 2017 Aug 25.
24. Ben Nsir A, **Thai QA**, Boubaker A, Jemel H. Reversible “hemiparkinsonism” following surgery for a lateral ventricle liponeurocytoma in a 24-year old student. *Neurology India* 66 (7), 145, March 2018.

### Peer-Reviewed Scientific Abstracts

1. **Thai QA**, Dyke C, Lehman J, Wechsler A.: The Role of Polyethylene Glycol-Conjugated Superoxide Dismutase in Preventing Free-Radical Mediated Cardiac Reperfusion Injury. *Abstracts: 42nd Annual International Science and Engineering Fair, 1991.*
2. Sagher O, **Thai QA**, Zhang XQ, Szeto W, Kassell NF, Lee KS: Live Computerized Imaging of Microvessels in Brain Slices: Antagonism of Endothelin-Induced Constriction. *18th International Joint Conference on Stroke and Cerebral Circulation, 1993.*
3. Sagher O, **Thai QA**, Kassell NF, Lee KS: Microvascular Responses to Endothelin-1 and Endothelin Receptor Antagonist Examined Using Computerized Imaging of Brain Slices. *Scientific Program of the Annual Meeting of the American Association of Neurological Surgeons, 1993.*
4. Sagher O, Jin Y, **Thai QA**, Kassell NF, Lee KS: The effect of an endothelin receptor antagonist on endothelin-1 induced constriction in cerebral microvessels. *Abstract in Society for Neuroscience Meeting, 1993.*
5. Sagher O, Zhang XQ, **Thai QA**, Szeto W, Kassell NF, Lee KS: Videomicroscopy of Cerebral Microvessels in Brain Slices. *Scientific Program of the Neurological Society of the Virginias, 1993.*
6. Sagher O, Zhang XQ, **Thai QA**, Szeto W, Kassell NF, Jane JA, Lee KS: Videomicroscopy of Cerebral Microvessels in Brain Slices. *Scientific Program of the Southern Neurosurgical Society, 1993.*
7. Sagher O, Jin Y, **Thai QA**, Kassell NF, Lee KS: Papaverine exacerbates protein kinase c-induced vasoconstriction in cerebral microvessels. *Scientific Program of the Annual Meeting of the American Association of Neurological Surgeons, 1994.*

8. Fergus A, Jin Y, **Thai QA**, Kassell NF, Lee KS: Vasodilatory actions of calcitonin gene-related peptide and nitric oxide in parenchymal microvessels of the rat hippocampus. *Abstract in Society for Neuroscience Meeting, 1994.*
9. Jin Y, Fergus A, **Thai QA**, Kassell NF, Lee KS: Vasodilatory actions of calcitonin gene-related peptide and nitric oxide in parenchymal microvessels of the rat hippocampus. *Abstract in 19th Collegium Internationale Neuro-Psychopharmacologicum, 1994.*
10. Fergus A, Jin Y, **Thai QA**, Kassell NF, Lee KS: Protein kinase C mediates vasoconstriction after NOS inhibition in parenchymal microvessels of the rat hippocampus. *Abstract in Society for Neuroscience Meeting, 1995.*
11. **Thai QA**, Oshiro EM, Tamargo RJ: Inhibition of post-hemorrhagic vasospasm using ibuprofen-loaded polymers. *22nd International Joint Conference on Stroke and Cerebral Circulation. Stroke 28:263, 1997.*
12. Replogle R, Fergus A, Jin Y, **Thai QA**, Lee KS: Hypoxia induces biphasic dilation and constriction in brain parenchymal microvessels. *Abstract in 2nd Annual Meeting of the Joint Section on Cerebrovascular Surgery, 1997.*
13. **Thai QA**, Oshiro EM, Tamargo RJ: Inhibition of post-hemorrhagic vasospasm using ibuprofen-loaded controlled-release polymers. *Scientific Program of the Annual Meeting of the American Association of Neurological Surgeons, 1997.*
14. **Thai QA**, Oshiro EM, Tamargo RJ: Chronic vasospasm inhibition with ibuprofen polymers correlated with decreased macrophage/granulocyte extravasation. *3rd Annual Meeting of the Joint Section on Cerebrovascular Surgery. Journal of Neurosurgery 88:203A-204A, 1998.*
15. Clatterbuck RE, Tierney TS, Lawson C, **Thai QA**, Rhines LD, Tamargo RJ. Prevention and reversal of experimental posthemorrhagic vasospasm by the periadventitial administration of nitric oxide from a controlled-release polymer. *Annual Meeting of the Neurosurgical Society of America, 2001.*
16. Clatterbuck RE, Tierney TS, Lawson C, **Thai QA**, Rhines LD, Tamargo RJ. Prevention and reversal of experimental posthemorrhagic vasospasm by the periadventitial administration of nitric oxide from a controlled-release polymer. *51<sup>st</sup> Annual Meeting of the Congress of Neurological Surgeons, 2001.*
17. Hsu W, Pradilla G, Kretzer RM, Recinos P, **Thai QA**, Legnani FG, Tamargo RJ. Local delivery of thrombolytics by controlled-release polymers for the treatment of intracerebral hemorrhage. *53<sup>rd</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*

18. **Thai QA**, Pradilla G, Legnani FG, Hsu W, Recinos P, Kretzer RM, Wang P, Tamargo RJ. Prevention of experimental post-hemorrhagic vasospasm with delayed intracranial delivery of nitric oxide-loaded polymers in rabbits. *Scientific Program of the Southern Neurosurgical Society Meeting of the AANS, 2004.*
19. Legnani FG, Pradilla G, **Thai QA**, Reza S, Zamora G, Tyler B, Brem H, DiMecco F, Olivi, A. Sensitization of mitoxantrone resistant malignant glioma cell lines by concomitant administration of verapamil. *Scientific Program of the Southern Neurosurgical Society Meeting of the AANS, 2004.*
20. **Thai QA**, Pradilla G, Legnani FG, Kretzer RM, Hsu W, Tamargo RJ. Lysis of intraparenchymal hematoma with stereotactically implanted tPA polymers in a rabbit model. *Scientific Program of the Southern Neurosurgical Society Meeting of the AANS, 2004.*
21. Pradilla G, Hsu W, Kretzer RM, Recinos P, **Thai QA**, Legnani FG, Tamargo RJ. Local delivery of thrombolytics by controlled-release polymers for the treatment of intracerebral hemorrhage. *Scientific Program of the Annual Meeting of the American Association of Neurological Surgeons, 2004, J. Neurosurg, April; 100 (4): 791, 2004.*
22. **Thai QA**, Pradilla G, Wang PP, Tamargo RJ. Intra-operative angiography-assisted localization for small vascular malformations: Technical Note. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
23. **Thai QA**, Pradilla G, Legnani FG, Brem H, Tamargo RJ. Stereotactic implantation of controlled-release “string” polymers in a human head: Technical Report. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
24. **Thai QA**, Pradilla G, Tamargo RJ. Contralateral approaches to bilateral aneurysms: Case Series. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
25. **Thai QA**, Raza SM, Pradilla G, Tamargo RJ. Aneurysmal rupture without subarachnoid hemorrhage: Case Series. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
26. **Thai QA**, Pradilla G, Legnani FG, Kretzer RM, Hsu W, Tamargo RJ. Lysis of intraparenchymal hematoma with stereotactically implanted tPA polymers in a rabbit model. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
27. Pradilla G, Wang PP, Legnani FG, Frazier JL, **Thai QA**, Tamargo RJ. Local delivery of drugs to the subarachnoid space for treatment of vasospasm is not affected by presence of blood in the rabbit model of subarachnoid hemorrhage. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*

28. Pradilla G, **Thai QA**, Legnani FG, Tamargo RJ. Frontozygomatic titanium cranioplasty prevents aesthetic defects of the fronto-zygomatic fossa after pterional craniotomy. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
29. Pradilla G, **Thai QA**, Legnani FG, Hsu W, Kretzer RM, Wang P, Tamargo RJ. Delayed intracranial delivery of a nitric oxide donor from a controlled-release polymer prevents experimental cerebral vasospasm in rabbits. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
30. Pradilla G, **Thai QA**, Legnani FG, Clatterbuck RE, Gailloud P, Murphy K, Tamargo RJ. Local delivery of ibuprofen via controlled-release polymers prevents angiographic vasospasm in a monkey model of subarachnoid hemorrhage. *54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2004.*
31. Legnani FG, Pradilla G, **Thai QA**, Vargas DL, Tyler BM, Zamora G, Gaini SM, DiMeco F, Brem H, Olivi A. Local delivery of verapamil decreases Multi-Drug Resistance in a novel mitoxantrone resistant tumor model in rats *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
32. Hertig S, Legnani FG, Pradilla G, Zamora G, **Thai QA**, Tyler BM, Gaini SM, DiMeco F, Brem H, Olivi A. Epirubicin has potent anti-glioma activity and shows sustained-release when incorporated into a biodegradable controlled-release polymer *in vitro*. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
33. **Thai QA**, Pradilla G, Wang PP, Tamargo RJ. Intra-operative angiography-assisted localization for small vascular malformations: Technical Note. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
34. **Thai QA**, Pradilla G, Legnani FG, Brem H, Tamargo RJ. Stereotactic implantation of controlled-release “string” polymers in a human head: Technical Report. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
35. **Thai QA**, Pradilla G, Tamargo RJ. Contralateral approaches to bilateral aneurysms: Case Series. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
36. **Thai QA**, Raza SM, Pradilla G, Tamargo RJ. Aneurysmal rupture without subarachnoid hemorrhage: Case Series. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*

37. **Thai QA**, Pradilla G, Legnani FG, Kretzer RM, Hsu W, Tamargo RJ. Lysis of intraparenchymal hematoma with stereotactically implanted tPA polymers in a rabbit model. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
38. Pradilla G, Wang PP, Legnani FG, Frazier JL, **Thai QA**, Tamargo RJ. Local delivery of drugs to the subarachnoid space for treatment of vasospasm is not affected by presence of blood in the rabbit model of subarachnoid hemorrhage. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
39. Pradilla G, **Thai QA**, Legnani FG, Tamargo RJ. Frontozygomatic titanium cranioplasty prevents aesthetic defects of the fronto-zygomatic fossa after pterional craniotomy. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
40. Pradilla G, **Thai QA**, Legnani FG, Hsu W, Kretzer RM, Wang P, Tamargo RJ. Delayed intracranial delivery of a nitric oxide donor from a controlled-release polymer prevents experimental cerebral vasospasm in rabbits. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
41. Pradilla G, **Thai QA**, Legnani FG, Clatterbuck RE, Gailloud P, Murphy K, Tamargo RJ. Local delivery of ibuprofen via controlled-release polymers prevents angiographic vasospasm in a monkey model of subarachnoid hemorrhage. *Abstracts of The Johns Hopkins Hospital Anesthesia and Critical Care Medicine 6th Annual Research Symposium. Baltimore, MD, November 30, 2004.*
42. **Thai QA**, Pradilla G, Wang PP, Tamargo RJ. Localization of small vascular malformations with a radio-opaque wire localizer: Technical Note. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005.*
43. **Thai QA**, Pradilla G, Tamargo RJ. Treatment of bilateral aneurysms using a unilateral craniotomy: Case Series. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005.*
44. **Thai QA**, Raza SM, Pradilla G, Tamargo RJ. Aneurysmal ruptures presenting only with intraparenchymal or intraventricular hemorrhages: Case Series and Literature Review. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005*

45. **Thai QA**, Pradilla G, Legnani FG, Hsu W, Kretzer RM, Tamargo RJ. Stereotactically implanted tPA polymers effectively lyse intraparenchymal hematomas in a rabbit model. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005.*
46. **Thai QA**, Pradilla G, Legnani FG, Hsu W, Brem H, Tamargo RJ. "String" polymer implantation in a human cadaver head using stereotactic techniques: Technical report. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005.*
47. Pradilla G, **Thai QA**, Legnani FG, Hsu W, Kretzer RM, Wang P, Tamargo RJ. The nitric oxide donor DETA-NO prevents cerebral vasospasm in a rabbit model of SAH when administered in a delayed fashion via controlled-release polymers. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005.*
48. Pradilla G, **Thai QA**, Legnani FG, Hsu W, Clatterbuck RE, Gailloud P, Murphy K, Tamargo RJ. Ibuprofen polymers placed in the subarachnoid space prevent angiographic cerebral vasospasm after subarachnoid hemorrhage in monkeys. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005.*
49. Pradilla G, **Thai QA**, Legnani FG, Tamargo RJ. Aesthetic defects of the fronto-zygomatic fossa after pterional craniotomy can be prevented using a frontozygomatic titanium cranioplasty. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005.*
50. Pradilla G, **Thai QA**, Legnani FG, Raman SP, Hdeib A, McGirt MJ, Tamargo RJ, Clatterbuck RE. Delayed administration of simvastatin prevents cerebral vasospasm in a rabbit model of subarachnoid hemorrhage. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2005*
51. Legnani FG, Pradilla G, **Thai QA**, Vargas DL, Tyler BM, Zamora G, Gaini SM, DiMeco F, Brem H, Olivi A. Local delivery of verapamil decreases Multi-Drug Resistance in a novel mitoxantrone resistant tumor model in rats. *Scientific Program of the 73<sup>rd</sup> Annual Meeting of the American Association of Neurological Surgeons, 2005.*
52. Legnani FG; Pradilla G; Goodwin, C; Vargas DL; **Thai QA**; Tyler BM; Gaini SM; DiMeco F; Brem H, Olivi A. Direct activation of the wild-type Fas receptor fails to induce apoptosis in experimental gliomas in vitro. *Scientific Program of the 73<sup>rd</sup> Annual Meeting of the American Association of Neurological Surgeons, 2005.*



53. **Thai QA**, Pradilla G, Legnani FG, Hsu W, Kretzer RM, Tamargo RJ. Experimental intraparenchymal hematoma thrombolysis using controlled-release tissue plasminogen activator polymers. *Scientific Program of the 73<sup>rd</sup> Annual Meeting of the American Association of Neurological Surgeons, 2005.*
54. **Thai QA**, Raza SM, Pradilla G, Tamargo RJ. Aneurysmal ruptures presenting only with intraparenchymal or intraventricular hemorrhages: Case Series and Literature Review. *Scientific Program of the 73<sup>rd</sup> Annual Meeting of the American Association of Neurological Surgeons, 2005.*
55. Hertig S, Legnani FG, Pradilla G, Zamora G, **Thai QA**, Tyler BM, Gaini SM, DiMeco F, Brem H, Olivi A. Epirubicin has potent anti-glioma activity and shows sustained-release when incorporated into a biodegradable controlled-release polymer *in vitro*. *Scientific Program of the 73<sup>rd</sup> Annual Meeting of the American Association of Neurological Surgeons, 2005.*
56. Legnani FG, Pradilla G, **Thai QA**, Tyler BM, Zamora G, DiMecco F, Brem H, Olivi A. Lactacystin exhibits potent anti-tumor activity in an animal model of malignant glioma when administered via controlled-release polymers. *Updates in Neuro-Oncology International Meeting, Arezzo, Italy, June 24-26, 2005.*
57. Legnani FG, Pradilla G, **Thai QA**, Tyler BM, Zamora G, DiMecco F, Brem H, Olivi A. The Fas/Fas ligand pathway fails to induce apoptosis in experimental glioma cells and could be responsible for the apoptosis of T-cell surrounding malignant gliomas *in vivo*. *Updates in Neuro-Oncology International Meeting, Arezzo, Italy, June 24-26, 2005.*
58. Jabbour SK, Raza SM, **Thai QA**, Pradilla G, Kleinberg LR, Wharam MD, Rigamonti D. Repeated Stereotactic Radiosurgery Can Result in Complete Obliteration for Large Intracranial Arteriovenous Malformations. *American Society of Therapeutic Radiation Oncology (ASTRO), Oct 2005*
59. Recinos P, Pradilla G, **Thai QA**, Hdeib AM, Legnani FG, Clatterbuck RE, Tamargo RJ. Lipopolysaccharide (LPS)-induced cerebral vasospasm is comparable to SAH-induced vasospasm in rabbits. *55<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2005.*
60. Raza SM, **Thai QA**, Jabbour SK, Pradilla G, Kleinberg LR, Wharam MD, Rigamonti D. Fractionated stereotactic radiosurgery for large intracranial arteriovenous malformations. *55<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2005.*
61. Pradilla G, Basu S, **Thai QA**, Hdeib AM, Legnani FG, Tamargo RJ, Clatterbuck RE. Simvastatin administration reverses cerebral vasospasm in rabbits by increasing endothelial nitric oxide synthase (eNOS) expression. *55<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2005.*

62. Pradilla G, Vargas DL, **Thai QA** Legnani FG Clatterbuck RE, Mankowski JL, Essa AH, Tamargo RJ Endothelial expression of ICAM-1 and VCAM-1 after subarachnoid hemorrhage in monkeys treated with locally-delivered ibuprofen. *55<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons, 2005.*
63. Recinos PF, **Thai QA**, Gallia G, Rigamonti D, Tamargo RJ, Clatterbuck RE. Outcomes in 100 consecutive cases of ruptured aneurysms managed with microsurgery at an academic medical center. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2006.*
64. Recinos P, Pradilla G, **Thai QA**, Hdeib AM, Legnani FG, Clatterbuck RE, Tamargo RJ. Lipopolysaccharide (LPS)-induced cerebral vasospasm is comparable to SAH-induced vasospasm in rabbits. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2006.*
65. Raza SM, **Thai QA**, Jabbour SK, Pradilla G, Kleinberg LR, Wharam MD, Rigamonti D. Fractionated stereotactic radiosurgery for large intracranial arteriovenous malformations. *Scientific Program of the Annual Joint Meeting of the AANS/CNS Cerebrovascular Section and the American Society of Interventional & Therapeutic Neuroradiology, 2006.*
66. Legnani FG, Pradilla G, **Thai QA**, Tyler BM, DiMeco F, Brem H, and Olivi A Apoptosis in experimental glioma cells and could be responsible for the apoptosis of T-cell surrounding malignant gliomas in vivo. Poster presentation, 5th Annual International Neuro-Oncology Update, Memphis, TN, August 24-25, 2006.
67. Germanwala AV, **Thai QA**, Pradilla G, Tamargo RJ. Simple technique for intraoperative angiographic localization of small vascular lesions. 62<sup>nd</sup> Annual Meeting of the Neurosurgical Society of America, The Homestead, Hot Springs, Virginia, June 7-10, 2009.
68. Garzon-Muvdi T, Pradilla G, Legnani FG, Vargas DL, **Thai QA**, Pardo-Villamizar C, Tamargo RJ. Local Delivery of Ibuprofen via Controlled-release Polymers Decreases Expression of Cell Adhesion Molecule VCAM-1 in Endothelial Cells of Intracranial Vessels. Congress of Neurological Surgeons, 60th Annual Meeting San Francisco, CA 16 - 21 October 2010. Digital Poster
69. Pradilla, G., T. Garzon-Muvdi, D. L. Vargas, F. G. Legnani, **Q.A. Thai**, C. A. Pardo, and R. J. Tamargo. Intrathecally administered ibuprofen effectively decreases ICAM-1 expression and angiographic vasospasm in a primate model of SAH. 79th Annual Meeting of the American Association of Neurological Surgeons, Denver, Colorado, April 9-13, 2011

70. Ben Nsir A, **Thai QA**, Chaieb L, Jemel H. Intraventricular Glioblastoma. World Federation of Neurosurgical Societies Meeting, 15<sup>th</sup> Interim Meeting, Rome, Italy, September 8-12, 2015.
71. A. Adam, J. Lu, J. Robison, K. Carson, J. Hoffberger, I. Jusue Torres, T. Vivas Buitrago, S. Foley, S. Yasar, **Q. A. Thai**, J. Wemmer, P. Klinge, D. Rigamonti. Complications post ventricular-atrial and ventricular-peritoneal shunt in normal pressure hydrocephalus patients: results over a 2-year follow-up from a randomized control trial. The Eighth Meeting of the International Society for Hydrocephalus and Cerebrospinal Fluid Disorders. Cartagena, Colombia. October 8-10, 2016.
72. A. Adam, J. Lu, J. Robison, K. Carson, J. Hoffberger, I. Jusue Torres, T. Vivas Buitrago, S. Foley, S. Yasar, **Q. A. Thai**, J. Wemmer, P. Klinge, D. Rigamonti. Assessing within patient improvement in gait and clinical measures in response to active shunt compared to placebo (non-active shunt). The Eighth Meeting of the International Society for Hydrocephalus and Cerebrospinal Fluid Disorders. Cartagena, Colombia. October 8-10, 2016.
73. A. Adam, J. Lu, J. Robison, K. Carson, J. Hoffberger, I. Jusue Torres, T. Vivas Buitrago, S. Foley, S. Yasar, **Q. A. Thai**, J. Wemmer, P. Klinge, D. Rigamonti. Assessment of commonly used scales to evaluate normal pressure hydrocephalus (nph) post shunt surgery. The Eighth Meeting of the International Society for Hydrocephalus and Cerebrospinal Fluid Disorders. Cartagena, Colombia. October 8-10, 2016.

#### **Educational Publications: Invited Review Articles**

1. Recinos P, Pradilla G, **Thai QA**, Crompton P, Rigamonti D. Management of spinal epidural abscesses. *Operative Techniques in Neurosurgery*. Editor: Robert F. Spetzler. Vol 7, Issue 4, Dec 2005.

#### **Guest Editor**

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#### **Invited Commentary**

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