



## Thomas J. Wilson

Clinical Assistant Professor, Neurosurgery

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

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### Bio

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#### BIO

Dr. Thomas J. Wilson was born in Omaha, Nebraska. He attended the University of Nebraska College of Medicine, earning his MD with highest distinction. While a medical student, he was awarded a Howard Hughes Medical Institute Research Training Fellowship and spent a year in the lab of Dr. Rakesh Singh at the University of Nebraska. He was also elected to the prestigious Alpha Omega Alpha Honor Medical Society. He completed his residency training in neurological surgery at the University of Michigan and was mentored by Dr. Lynda Yang and Dr. John McGillicuddy in peripheral nerve surgery. Following his residency, he completed a fellowship in peripheral nerve surgery at the Mayo Clinic in Rochester, Minnesota, working with Dr. Robert Spinner. He is now Clinical Assistant Professor and Co-Director of the Center for Peripheral Nerve Surgery at Stanford University. He is also currently endeavoring to earn a Master of Public Health (MPH) degree from the Bloomberg School of Public Health at Johns Hopkins University. His research interests include peripheral nerve outcomes research using large data sets and multi-institutional registries, clinical trials advancing options for patients with peripheral nerve pathologies, and translational research focused on deriving methods for data-driven intraoperative decision-making using intraoperative electrophysiology, advanced imaging techniques, and genetic expression information. His wife, Dr. Monique Wilson, is a practicing dermatologist in the Bay Area.

#### CLINICAL FOCUS

- Neurosurgery
- Peripheral Nerve Surgery

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Neurosurgery

#### ADMINISTRATIVE APPOINTMENTS

- Co-Director, Center for Peripheral Nerve Surgery. (2017- present)

#### HONORS AND AWARDS

- Kline Peripheral Nerve Award, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves (2017)
- Chandler Clinical Research Award, University of Michigan Medical School (2016)

- McGillicuddy Leadership Award, University of Michigan Medical School (2016)
- Crosby Basic Science Research Award, University of Michigan Medical School (2014)
- Senior Thesis Award, Alpha Omega Alpha (2009)
- Research Training Fellowship, Howard Hughes Medical Institute (2006)

## PROFESSIONAL EDUCATION

- Medical Education: University of Nebraska Medical Center School of Medicine (2009) NE
- Fellowship, Mayo Clinic , Peripheral Nerve Surgery (2017)
- Residency, University of Michigan , Neurological Surgery (2016)
- M.D., University of Nebraska College of Medicine , Medicine (2009)
- Research Training Fellowship, Howard Hughes Medical Institute , Research Fellowship (2007)
- B.S., Creighton University , Biology (2004)

## LINKS

- Stanford Center for Peripheral Nerve Surgery: <http://med.stanford.edu/neurosurgery/divisions/peripheralnerve.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CLINICAL TRIALS

- Nerve Transfer After Spinal Cord Injury- Multi-center, Recruiting

## Publications

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### PUBLICATIONS

- **An Update on the Management of Adult Traumatic Nerve Injuries-Replacing Old Paradigms: A Review.** *The journal of trauma and acute care surgery*  
Smith, B. W., Sakamuri, S., Spain, D. A., Joseph, J. R., Yang, L. J., Wilson, T. J.  
2018
- **Novel Uses of Nerve Transfers.** *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*  
Wilson, T. J.  
2018
- **An Update on the Management of Neonatal Brachial Plexus Palsy-Replacing Old Paradigms A Review** *JAMA PEDIATRICS*  
Smith, B. W., Daunter, A. K., Yang, L., Wilson, T. J.  
2018; 172 (6): 585-91
- **Technique for Primary and Redo Surgery for Peroneal Intraneural Ganglion Cysts.** *Operative neurosurgery*  
Wilson, T. J., Rock, M. G., Spinner, R. J.  
2017
- **Clinicoradiological features of intraneural perineuriomas obviate the need for tissue diagnosis.** *Journal of neurosurgery*  
Wilson, T. J., Howe, B. M., Stewart, S. A., Spinner, R. J., Amrami, K. K.  
2017: 1-7
- **Depression and Anxiety in Traumatic Brachial Plexus Injury Patients Are Associated With Reduced Motor Outcome After Surgical Intervention for Restoration of Elbow Flexion** *NEUROSURGERY*  
Wilson, T. J., Chang, K. W., Yang, L. J.  
2016; 78 (6): 844-849
- **Peripartum and neonatal factors associated with the persistence of neonatal brachial plexus palsy at 1 year: a review of 382 cases** *JOURNAL OF NEUROSURGERY-PEDIATRICS*

- 
- Wilson, T. J., Chang, K. W., Chauhan, S. P., Yang, L. J.  
2016; 17 (5): 618-624
- **Motor Nerve Transfers: A Comprehensive Review** *NEUROSURGERY*  
Ray, W. Z., Chang, J., Hawasli, A., Wilson, T. J., Yang, L.  
2016; 78 (1): 1-25
  - **Deep brain stimulation versus peripheral denervation for cervical dystonia: a systematic review and meta-analysis.** *World neurosurgery*  
Ravindran, K., Kumar, N., Englot, D. J., Wilson, T. J., Zuckerman, S. L.  
2018
  - **An 11-year analysis of peripheral nerve injuries in high school sports.** *The Physician and sportsmedicine*  
Zuckerman, S. L., Kerr, Z. Y., Pierpoint, L., Kirby, P., Than, K. D., Wilson, T. J.  
2018
  - **OUTCOMES FOLLOWING SURGERY FOR PERONEAL INTRANEURAL GANGLION CYSTS** *MUSCLE & NERVE*  
Wilson, T. J., Mauermann, M. L., Rock, M. G., Spinner, R. J.  
2018; 57 (6): 989-93
  - **Patient-perceived surgical indication influences patient expectations of surgery for degenerative spinal disease.** *Clinical neurology and neurosurgery*  
Wilson, T. J., Franz, E., Vollmer, C. F., Chang, K. W., Upadhyaya, C., Park, P., Yang, L. J.  
2017; 157: 11-16
  - **Commentary: Cubital tunnel syndrome caused by intraneural or extraneural ganglion cysts-case report and review of the literature: Ulnar nerve ganglion cysts: Drawing closer to shore.** *Journal of plastic, reconstructive & aesthetic surgery : JPRAS*  
Wilson, T. J., Spinner, R. J.  
2017
  - **Recognition of peroneal intraneural ganglia in an historical cohort with "negative" MRIs** *ACTA NEUROCHIRURGICA*  
Wilson, T. J., Hebert-Blouin, M., Murthy, N. S., Amrami, K. K., Spinner, R. J.  
2017; 159 (5): 925-930
  - **Prediction Algorithm for Surgical Intervention in Neonatal Brachial Plexus Palsy.** *Neurosurgery*  
Wilson, T. J., Chang, K. W., Yang, L. J.  
2017
  - **Frontal Sinus Breach During Routine Frontal Craniotomy Significantly Increases Risk of Surgical Site Infection: 10-Year Retrospective Analysis.** *Neurosurgery*  
Linzey, J. R., Wilson, T. J., Sullivan, S. E., Thompson, B. G., Pandey, A. S.  
2017
  - **Osborne's Ligament: A Review of its History, Anatomy, and Surgical Importance.** *Cureus*  
Granger, A., Sardi, J. P., Iwanaga, J., Wilson, T. J., Yang, L., Loukas, M., Oskouian, R. J., Tubbs, R. S.  
2017; 9 (3)
  - **Superficial ulnar nerve articular branch: More than arcane trivia.** *Clinical anatomy*  
Wilson, T. J., Amrami, K. K., Spinner, R. J.  
2017
  - **Pilot study of intraoperative ultrasound-guided instrument placement in nerve transection surgery for peripheral nerve pain syndromes** *NEUROSURGICAL FOCUS*  
Henning, P. T., Wilson, T. J., Willsey, M., John, J. K., Popadich, M., Yang, L. J.  
2017; 42 (3)
  - **The nearly invisible intraneural cyst: a new and emerging part of the spectrum** *NEUROSURGICAL FOCUS*  
Wilson, T. J., Hebert-Blouin, M., Murthy, N. S., Garcia, J. J., Amrami, K. K., Spinner, R. J.  
2017; 42 (3)
  - **Imaging Characteristics Predict Operative Difficulty Mobilizing the Sciatic Nerve for Proximal Hamstring Repair.** *Neurosurgery*  
Wilson, T. J., Howe, B. M., Spinner, R. J., Krych, A. J.  
2017
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- **Oberlin transfer compared with nerve grafting for improving early supination in neonatal brachial plexus palsy.** *Journal of neurosurgery. Pediatrics*  
Chang, K. W., Wilson, T. J., Popadich, M., Brown, S. H., Chung, K. C., Yang, L. J.  
2017; 1-7
- **Selective Cervical Denervation for Cervical Dystonia: Modification of the Bertrand Procedure.** *Operative neurosurgery (Hagerstown, Md.)*  
Wilson, T. J., Spinner, R. J.  
2017
- **Sciatic Nerve Injury After Proximal Hamstring Avulsion and Repair.** *Orthopaedic journal of sports medicine*  
Wilson, T. J., Spinner, R. J., Mohan, R., Gibbs, C. M., Krych, A. J.  
2017; 5 (7): 2325967117713685
- **Delayed compression of the common peroneal nerve following rotational lateral gastrocnemius flap: case report.** *Journal of neurosurgery*  
Himes, B. T., Wilson, T. J., Maldonado, A. A., Murthy, N. S., Spinner, R. J.  
2017; 1-4
- **Intraoperative Ultrasound for Peripheral Nerve Applications.** *Neurosurgery clinics of North America*  
Willsey, M., Wilson, T. J., Henning, P. T., Yang, L. J.  
2017; 28 (4): 623-32
- **The anconeus epitrochlearis muscle may protect against the development of cubital tunnel syndrome: a preliminary study** *JOURNAL OF NEUROSURGERY*  
Wilson, T. J., Tubbs, R. S., Yang, L. J.  
2016; 125 (6): 1533-1538
- **Reversibility of glioma stem cells' phenotypes explains their complex in vitro and in vivo behavior. Discovery of a novel neurosphere-specific enzyme, cGMP-dependent protein kinase I, using the genomic landscape of human glioma stem cells as a discovery tool** *ONCOTARGET*  
Wilson, T. J., Zamlar, D. B., Doherty, R., Castro, M. G., Lowenstein, P. R.  
2016; 7 (39): 63020-63041
- **Changes in Therapeutic Intensity Level Following Airway Pressure Release Ventilation in Severe Traumatic Brain Injury.** *Journal of intensive care medicine*  
Fletcher, J. J., Wilson, T. J., Rajajee, V., Davidson, S. B., Walsh, J. C.  
2016
- **Morphometric analysis of the developing pediatric cervical spine** *JOURNAL OF NEUROSURGERY-PEDIATRICS*  
Johnson, K. T., Al-Holou, W. N., Anderson, R. C., Wilson, T. J., Karnati, T., Ibrahim, M., Garton, H. J., Maher, C. O.  
2016; 18 (3): 377-389
- **Comparison of the accuracy and proximal shunt failure rate of freehand placement versus intraoperative guidance in parietooccipital ventricular catheter placement** *NEUROSURGICAL FOCUS*  
Wilson, T. J., Mccoy, K. E., Al-Holou, W. N., Molina, S. L., Smyth, M. D., Sullivan, S. E.  
2016; 41 (3)
- **The current role of diagnostic imaging in the preoperative workup for refractory neonatal brachial plexus palsy** *CHILDS NERVOUS SYSTEM*  
Somashekar, D. K., Wilson, T. J., DiPietro, M. A., Joseph, J. R., Ibrahim, M., Yang, L. J., Parmar, H. A.  
2016; 32 (8): 1393-1397
- **A Randomized Trial of Central Venous Catheter Type and Thrombosis in Critically Ill Neurologic Patients** *NEUROCRITICAL CARE*  
Fletcher, J. J., Wilson, T. J., Rajajee, V., Stetler, W. R., Jacobs, T. L., Sheehan, K. M., Brown, D. L.  
2016; 25 (1): 20-28
- **Is intensive care monitoring necessary after coil embolization of unruptured intracranial aneurysms?** *Journal of neurointerventional surgery*  
Stetler, W. R., Griaudzde, J., Saadeh, Y., Wilson, T. J., Al-Holou, W. N., Chaudhary, N., Thompson, B. G., Pandey, A. S., Gemmete, J. J.  
2016
- **Persistence of Neonatal Brachial Plexus Palsy Associated with Maternally Reported Route of Delivery: Review of 387 Cases** *AMERICAN JOURNAL OF PERINATOLOGY*  
Chang, K. W., Ankumah, N. E., Wilson, T. J., Yang, L. J., Chauhan, S. P.  
2016; 33 (8): 765-769

- **Delayed Sciatic Nerve Injury Resulting From Myositis Ossificans Traumatica** *PM&R*  
Guan, Z., Wilson, T. J., Jacobson, J. A., Hollon, T. C., Yang, L. J.  
2016; 8 (5): 484-487
- **Sonography of Common Peripheral Nerve Disorders With Clinical Correlation** *JOURNAL OF ULTRASOUND IN MEDICINE*  
Jacobson, J. A., Wilson, T. J., Yang, L. J.  
2016; 35 (4): 683-693
- **Evaluation and management of fibrofatty tumors of the extremities: case report** *JOURNAL OF NEUROSURGERY-PEDIATRICS*  
Wilson, T. J., Joseph, J. R., Dillman, J. R., Heider, A., Yang, L. J.  
2016; 17 (1): 66-69
- **Management of recurrent aneurysms following endovascular therapy** *JOURNAL OF CLINICAL NEUROSCIENCE*  
Chen, K. S., Wilson, T. J., Stetler, W. R., Davis, M. C., Giles, D. A., Kahn, E. N., Chaudhary, N., Gemmete, J. J., Thompson, B. G., Pandey, A. S.  
2015; 22 (12): 1901-1906
- **Intraoperative angiography does not lead to increased rates of surgical site infections** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*  
Stetler, W. R., Wilson, T. J., Al-Holou, W. N., Khan, A., Thompson, B. G., Pandey, A. S.  
2015; 7 (10): 744-747
- **High Subarachnoid Hemorrhage Patient Volume Associated With Lower Mortality and Better Outcomes** *NEUROSURGERY*  
Pandey, A. S., Gemmete, J. J., Wilson, T. J., Chaudhary, N., Thompson, B. G., Morgenstern, L. B., Burke, J. F.  
2015; 77 (3): 462-470
- **Conventional endovascular treatment of small intracranial aneurysms is not associated with additional risks compared with treatment of larger aneurysms** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*  
Stetler, W. R., Wilson, T. J., Al-Holou, W. N., Chaudhary, N., Gemmete, J. J., Thompson, B. G., Pandey, A. S.  
2015; 7 (4): 262-265
- **Intraventricular Hemorrhage Is Associated with Early Hydrocephalus, Symptomatic Vasospasm, and Poor Outcome in Aneurysmal Subarachnoid Hemorrhage** *JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY*  
Wilson, T. J., Stetler, W. R., Davis, M. C., Giles, D. A., Khan, A., Chaudhary, N., Gemmete, J. J., Xi, G., Thompson, B. G., Pandey, A. S.  
2015; 76 (2): 126-132
- **Transfer Time to a High-volume Center for Patients with Subarachnoid Hemorrhage Does Not Affect Outcomes** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*  
Wilson, T. J., Saadeh, Y., Stetler, W. R., Pandey, A. S., Gemmete, J. J., Chaudhary, N., Thompson, B. G., Fletcher, J. J.  
2015; 24 (2): 416-423
- **Reducing costs while maintaining quality in endovascular neurosurgical procedures** *JOURNAL OF NEUROSURGERY*  
Kashlan, O. N., Wilson, T. J., Chaudhary, N., Gemmete, J. J., Stetler, W. R., Dunnick, N. R., Thompson, B. G., Pandey, A. S.  
2014; 121 (5): 1071-1076
- **Adenoviral vector-mediated gene therapy for gliomas: coming of age** *EXPERT OPINION ON BIOLOGICAL THERAPY*  
Castro, M. G., Candolfi, M., Wilson, T. J., Calinescu, A., Paran, C., Kamran, N., Koschmann, C., Moreno-Ayala, M. A., Assi, H., Lowenstein, P. R.  
2014; 14 (9): 1241-1257
- **Large-Volume Blood Patch to Multiple Sites in the Epidural Space through a Single-Catheter Access Site for Treatment of Spontaneous Intracranial Hypotension** *AMERICAN JOURNAL OF NEURORADIOLOGY*  
Griauzde, J., Gemmete, J. J., Chaudhary, N., Wilson, T. J., Pandey, A. S.  
2014; 35 (9): 1841-1846
- **A case-cohort study with propensity score matching to evaluate the effects of mannitol on venous thromboembolism** *JOURNAL OF CLINICAL NEUROSCIENCE*  
Fletcher, J. J., Kade, A. M., Sheehan, K. M., Wilson, T. J.  
2014; 21 (8): 1323-1328
- **Filum terminale lipomas: imaging prevalence, natural history, and conus position** *JOURNAL OF NEUROSURGERY-PEDIATRICS*  
Cools, M. J., Al-Holou, W. N., Stetler, W. R., Wilson, T. J., Muraszko, K. M., Ibrahim, M., La Marca, F., Garton, H. J., Maher, C. O.  
2014; 13 (5): 559-567

- **Dual antiplatelet therapy plus postoperative heparin and dextran is safe and effective for reducing risk of embolic stroke during aneurysm coiling** *ACTA NEUROCHIRURGICA*  
Wilson, T. J., Pandey, A. S., Stetler, W. R., Davis, M. C., Giles, D. A., Chaudhary, N., Gemmete, J. J., Thompson, B. G.  
2014; 156 (5): 855-859
- **Efficacy of antibiotic-impregnated external ventricular drains in reducing ventriculostomy-associated infections** *JOURNAL OF CLINICAL NEUROSCIENCE*  
Mikhaylov, Y., Wilson, T. J., Rajajee, V., Thompson, B. G., Maher, C. O., Sullivan, S. E., Jacobs, T. L., Kocan, M. J., Pandey, A. S.  
2014; 21 (5): 765-768
- **Is Early Clinical Evidence of Autonomic Shift Predictive of Infection after Aneurysmal Subarachnoid Hemorrhage** *JOURNAL OF STROKE & CEREBROVASCULAR DISEASES*  
Fletcher, J. J., Rajajee, V., Wilson, T. J., Zahuranec, D. B.  
2014; 23 (5): 1062-1068
- **Endovascular treatment for aneurysmal subarachnoid hemorrhage in the ninth decade of life and beyond** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*  
Wilson, T. J., Davis, M. C., Stetler, W. R., Giles, D. A., Chaudhary, N., Gemmete, J. J., Thompson, B. G., Pandey, A. S.  
2014; 6 (3): 175-177
- **Repeat endoscopic transsphenoidal surgery for acromegaly: remission and complications** *PITUITARY*  
Wilson, T. J., McKean, E. L., Barkan, A. L., Chandler, W. F., Sullivan, S. E.  
2013; 16 (4): 459-464
- **Comparison of the accuracy of ventricular catheter placement using freehand placement, ultrasonic guidance, and stereotactic neuronavigation.** *Journal of neurosurgery*  
Wilson, T. J., Stetler, W. R., Al-Holou, W. N., Sullivan, S. E.  
2013; 119 (1): 66-70
- **Comparison of catheter-related large vein thrombosis in centrally inserted versus peripherally inserted central venous lines in the neurological intensive care unit** *CLINICAL NEUROLOGY AND NEUROSURGERY*  
Wilson, T. J., Stetler, W. R., Fletcher, J. J.  
2013; 115 (7): 879-882
- **Progress in gene therapy for neurological disorders** *NATURE REVIEWS NEUROLOGY*  
Simonato, M., Bennett, J., Boulis, N. M., Castro, M. G., Fink, D. J., Goins, W. F., Gray, S. J., Lowenstein, P. R., Vandenbergh, L. H., Wilson, T. J., Wolfe, J. H., Glorioso, J. C.  
2013; 9 (5): 277-291
- **Management of intracranial hemorrhage in patients with left ventricular assist devices.** *Journal of neurosurgery*  
Wilson, T. J., Stetler, W. R., Al-Holou, W. N., Sullivan, S. E., Fletcher, J. J.  
2013; 118 (5): 1063-1068
- **Subarachnoid haemorrhage with bilateral intracranial vertebral artery dissecting aneurysms treated by staged endovascular stenting.** *BMJ case reports*  
Wilkinson, D. A., Wilson, T. J., Stetler, W. R., Pandey, A. S.  
2013; 2013
- **Indirect carotid-cavernous fistula following minor head trauma treated with incomplete radiographic endovascular occlusion.** *BMJ case reports*  
Stetler, W. R., Chaudhary, N., Wilson, T. J., Pandey, A. S.  
2012; 2012
- **Perioperative management of a neurosurgical patient requiring antiplatelet therapy.** *Journal of clinical neuroscience*  
Than, K. D., Rohatgi, P., Wilson, T. J., Gregory Thompson, B.  
2012; 19 (9): 1316-1320
- **Pineal region myeloid sarcoma** *JOURNAL OF CLINICAL NEUROSCIENCE*  
Wilson, T. J., Than, K. D., Parmar, H. A., Lieberman, A. P., Valdivia, J. M., Sullivan, S. E.  
2012; 19 (7): 1037-1039
- **Regression of a meningioma during paclitaxel and bevacizumab therapy for breast cancer** *JOURNAL OF CLINICAL NEUROSCIENCE*  
Wilson, T. J., Heth, J. A.

2012; 19 (3): 468-469

- **Risk factors associated with peripherally inserted central venous catheter-related large vein thrombosis in neurological intensive care patients** *INTENSIVE CARE MEDICINE*  
Wilson, T. J., Brown, D. L., Meurer, W. J., Stetler, W. R., Wilkinson, D. A., Fletcher, J. J.  
2012; 38 (2): 272-278
- **An L-2 burst fracture and cauda equina syndrome due to tetanus Case report** *JOURNAL OF NEUROSURGERY-SPINE*  
Wilson, T. J., Orringer, D. A., Sullivan, S. E., Patil, P. G.  
2012; 16 (1): 82-85
- **Incidental findings on cranial imaging in nonagenarians** *NEUROSURGICAL FOCUS*  
Al-Holou, W. N., Khan, A., Wilson, T. J., Stetler, W. R., Shah, G. V., Maher, C. O.  
2011; 31 (6)
- **The Clinical Significance of Peripherally Inserted Central Venous Catheter-Related Deep Vein Thrombosis** *NEUROCRITICAL CARE*  
Fletcher, J. J., Stetler, W., Wilson, T. J.  
2011; 15 (3): 454-460
- **Non-ketotic hyperglycemic chorea-hemiballismus mimicking basal ganglia hemorrhage** *JOURNAL OF CLINICAL NEUROSCIENCE*  
Wilson, T. J., Than, K. D., Stetler, W. R., Heth, J. A.  
2011; 18 (11): 1560-1561
- **Complication avoidance and management in anterior lumbar interbody fusion** *NEUROSURGICAL FOCUS*  
Than, K. D., Wang, A. C., Rahman, S. U., Wilson, T. J., Valdivia, J. M., Park, P., La Marca, F.  
2011; 31 (4)
- **Dural arteriovenous fistula associated with superior sagittal sinus occlusion secondary to invasion by a parafalcine meningioma: case report.** *Neurosurgery*  
Toledo, M. M., Wilson, T. J., Dashti, S., McDougall, C. G., Spetzler, R. F.  
2010; 67 (1): 205-207
- **Cathepsin G-mediated enhanced TGF-beta signaling promotes angiogenesis via upregulation of VEGF and MCP-1** *CANCER LETTERS*  
Wilson, T. J., Nannuru, K. C., Futakuchi, M., Singh, R. K.  
2010; 288 (2): 162-169
- **Enhanced expression and shedding of receptor activator of NF-kappa B ligand during tumor-bone interaction potentiates mammary tumor-induced osteolysis** *CLINICAL & EXPERIMENTAL METASTASIS*  
Nannuru, K. C., Futakuchi, M., Sadanandam, A., Wilson, T. J., Varney, M. L., Myers, K. J., Li, X., Marcusson, E. G., Singh, R. K.  
2009; 26 (7): 797-808
- **Cathepsin G-Mediated Activation of Pro-Matrix Metalloproteinase 9 at the Tumor-Bone Interface Promotes Transforming Growth Factor-beta Signaling and Bone Destruction** *MOLECULAR CANCER RESEARCH*  
Wilson, T. J., Nannuru, K. C., Singh, R. K.  
2009; 7 (8): 1224-1233
- **Cathepsin G Recruits Osteoclast Precursors via Proteolytic Activation of Protease-Activated Receptor-1** *CANCER RESEARCH*  
Wilson, T. J., Nannuru, K. C., Singh, R. K.  
2009; 69 (7): 3188-3195
- **Cathepsin g enhances mammary tumor-induced osteolysis by generating soluble receptor activator of nuclear factor-kappa B ligand** *CANCER RESEARCH*  
Wilson, T. J., Nannuru, K. C., Futakuchi, M., Sadanandam, A., Singh, R. K.  
2008; 68 (14): 5803-5811
- **Proteases as modulators of tumor-stromal interaction: Primary tumors to bone metastases** *BIOCHIMICA ET BIOPHYSICA ACTA-REVIEWS ON CANCER*  
Wilson, T. J., Singh, R. K.  
2008; 1785 (2): 85-95

## PRESENTATIONS

- Prediction Algorithm for Surgical Intervention in Neonatal Brachial Plexus Palsy - The 33rd Annual Meeting of the Section of Disorders of the Spine and Peripheral Nerves Spine Summit (2017)

- Neurologic Outcomes following Proximal Hamstring Avulsion and Repair - The 33rd Annual Meeting of the Section of Disorders of the Spine and Peripheral Nerves Spine Summit (2017)
- The Anconeus Epitrochlearis Muscle may Protect against Development of Cubital Tunnel Syndrome - 84th American Association of Neurological Surgeons Annual Scientific Meeting (2016)
- Depression is Associated with Reduced Motor Outcome Following Brachial Plexus Reconstruction - Congress of Neurological Surgeons Annual Meeting (2015)
- Peripheral Nerve Tumors - World Federation of Neurosurgical Societies Practical & Hands-on International Course in Peripheral Nerve & Brachial Plexus Surgery (2017)
- Evaluation of Peripheral Nerve Patients and Management of Nerve Injuries - World Federation of Neurosurgical Societies Practical & Hands-on International Course in Peripheral Nerve & Brachial Plexus Surgery (2017)
- 3. Saphenous Neuropathy: Diagnosis and Management - World Federation of Neurosurgical Societies Practical & Hands-on International Course in Peripheral Nerve & Brachial Plexus Surgery (2017)
- Outpatient Work-up of Peripheral Nerve Pathologies: From Common Entrapments to Peripheral Nerve Tumors - American Association of Neurological Surgeons 2017 Annual Scientific Meeting (2017)