

**Department of Neurological Surgery
University of Washington, Seattle
Faculty, Resident and Fellow Publications, 2016**

**Peer Review: Epublished 2016: 126
Books, Book Chapters: Published 2016: 42**

Faculty: Bold Font ; Neurological Surgery Residents, *Italics/underlined*

1. Abecassis IJ, **Levitt MR**. Understanding Neurogenesis in the Subventricular Zone and the Capacity for Transcriptional Modulation in Ischemic Brain Injury. World Neurosurg. 2016. Epub 2016/02/02. doi: 10.1016/j.wneu.2016.01.045. PubMed PMID: 26828460.
2. Abecassis IJ, Nerva JD, Barber J, Rockhill J, **Ellenbogen RG**, **Kim LJ**, **Sekhar LN**. Toward a comprehensive assessment of functional outcomes in pediatric patients with brain arteriovenous malformations: the Pediatric Quality of Life Inventory. J Neurosurg Pediatr. 2016;1-12. Epub 2016/08/20. doi: 10.3171/2016.6.PEDS16103. PubMed PMID: 27540697.
3. Abecassis IJ, Nerva JD, Ghodke BV, **Sekhar LN**, **Levitt MR**, **Kim LJ**. The dual microcatheter technique for transvenous embolization of dural arteriovenous fistulae. Journal of neurointerventional surgery. 2017;9(6):578-82. Epub 2016/11/09. doi: 10.1136/neurintsurg-2016-012713. PubMed PMID: 27821474.
4. Adams Waldorf KM, Stencel-Baerenwald JE, Kapur RP, Studholme C, Boldenow E, Vornhagen J, Baldessari A, Dighe MK, Thiel J, Merillat S, Armistead B, Tisoncik-Go J, Green RR, Davis MA, Dewey EC, Fairgrieve MR, Gatenby JC, Richards T, Garden GA, Diamond MS, Juul SE, Grant RF, Kuller L, Shaw DW, Ogle J, Gough GM, Lee W, English C, **Hevner RF**, Dobyns WB, Gale M, Jr., Rajagopal L. Fetal brain lesions after subcutaneous inoculation of Zika virus in a pregnant nonhuman primate. Nat Med. 2016;22(11):1256-9. Epub 2016/11/01. doi: 10.1038/nm.4193. PubMed PMID: 27618651.
5. Ahn M, **Kalume F**, Pitstick R, Oehler A, Carlson G, DeArmond SJ. Brain Aggregates: An Effective In Vitro Cell Culture System Modeling Neurodegenerative Diseases. J Neuropathol Exp Neurol. 2016. Epub 2016/02/07. doi: 10.1093/jnen/nlv025. PubMed PMID: 26851378.
6. Albuquerque FC, Gross BA, **Levitt MR**. Time to re-assess the treatment of idiopathic intracranial hypertension. Journal of neurointerventional surgery. 2016;8(6):549-50. Epub 2016/05/15. doi: 10.1136/neurintsurg-2016-012460. PubMed PMID: 27178402.
7. Alexander MD, Yuan C, Rutman A, Tirschwell DL, Palagallo G, Gandhi D, **Sekhar LN**, Mossa-Basha M. High-resolution intracranial vessel wall imaging: imaging beyond the lumen. Journal of neurology, neurosurgery, and psychiatry. 2016. Epub 2016/01/10. doi: 10.1136/jnnp-2015-312020. PubMed PMID: 26746187.
8. Alimi M, **Hofstetter CP**, Torres-Campa JM, Navarro-Ramirez R, Cong GT, Njoku I, Jr., Hartl R. Unilateral tubular approach for bilateral laminotomy: effect on ipsilateral and contralateral buttock and leg pain. Eur Spine J. 2017;26(2):389-96. Epub 2016/06/09. doi: 10.1007/s00586-016-4594-1. PubMed PMID: 27272621.

9. Alimi M, Njoku I, **Hofstetter CP**, Tsiouris AJ, Kesavabhotla K, Boockvar J, Navarro-Ramirez R, Hartl R. Anterior Cervical Discectomy and Fusion (ACDF): Comparison Between Zero Profile Implants and Anterior Cervical Plate and Spacer. *Cureus*. 2016;8(4):e573. Epub 2016/05/21. doi: 10.7759/cureus.573. PubMed PMID: 27200226; PubMed Central PMCID: PMC4872884.
10. Almeida MR, Mabasa L, **Crane C**, Park CS, Venancio VP, Bianchi ML, Antunes LM. Maternal vitamin B6 deficient or supplemented diets on expression of genes related to GABAergic, serotonergic or glutamatergic pathways in hippocampus of rat dams and their offspring. *Molecular nutrition & food research*. 2016. Epub 2016/03/05. doi: 10.1002/mnfr.201500950. PubMed PMID: 26935476.
11. Bakken TE, Miller JA, Ding SL, Sunkin SM, Smith KA, Ng L, Szafer A, Dalley RA, Royall JJ, Lemon T, Shapouri S, Aiona K, Arnold J, Bennett JL, Bertagnolli D, Bickley K, Boe A, Brouner K, Butler S, Byrnes E, Caldejon S, Carey A, Cate S, Chapin M, Chen J, Dee N, Desta T, Dolbeare TA, Dotson N, Ebbert A, Fulfs E, Gee G, Gilbert TL, Goldy J, Gourley L, Gregor B, Gu G, Hall J, Haradon Z, Haynor DR, Hejazinia N, Hoerder-Suabedissen A, Howard R, Jochim J, Kinnunen M, Kriedberg A, Kuan CL, Lau C, Lee CK, Lee F, Luong L, Mastan N, May R, Melchor J, Mosqueda N, Mott E, Ngo K, Nyhus J, Oldre A, Olson E, Parente J, Parker PD, Parry S, Pendergraft J, Potekhina L, Reding M, Riley ZL, Roberts T, Rogers B, Roll K, Rosen D, Sandman D, Sarreal M, Shapovalova N, Shi S, Sjoquist N, Sodt AJ, Townsend R, Velasquez L, Wagley U, Wakeman WB, White C, Bennett C, Wu J, Young R, Youngstrom BL, Wohnoutka P, Gibbs RA, Rogers J, Hohmann JG, Hawrylycz MJ, **Hevner RF**, Molnar Z, Phillips JW, Dang C, Jones AR, Amaral DG, Bernard A, Lein ES. A comprehensive transcriptional map of primate brain development. *Nature*. 2016;535(7612):367-75. Epub 2016/07/15. doi: 10.1038/nature18637. PubMed PMID: 27409810.
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15. Bonow RH, **Silber JR**, Enzmann DR, Beauchamp NJ, **Ellenbogen RG**, **Mourad PD**. Towards use of MRI-guided ultrasound for treating cerebral vasospasm. *Journal of therapeutic ultrasound*. 2016;4:6. Epub 2016/03/02. doi: 10.1186/s40349-016-0050-2. PubMed PMID: 26929821; PubMed Central PMCID: PMC4770693.
16. Brolliar SM, Moore M, Thompson HJ, Whiteside LK, Mink RB, Wainwright MS, Groner JI, Bell MJ, Giza CC, Zatzick DF, **Ellenbogen RG**, Ng Boyle L, Mitchell PH, Rivara FP, Vavilala MS. A Qualitative Study Exploring Factors Associated with Provider Adherence to

Severe Pediatric Traumatic Brain Injury Guidelines. *J Neurotrauma*. 2016. Epub 2016/01/14. doi: 10.1089/neu.2015.4183. PubMed PMID: 26760283.

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20. Casimo K, **Darvas F**, Wander J, **Ko A**, Grabowski T, Novotny E, Poliakov A, **Ojemann J**, Weaver K. Regional Patterns of Cortical Phase Synchrony in the Resting State. *Brain connectivity*. 2016;6(6):470-81. Epub 2016/03/29. doi: 10.1089/brain.2015.0362. PubMed PMID: 27019319; PubMed Central PMCID: PMC4976227.

21. Catapano JS, John Hawryluk GW, Whetstone W, **Saigal R**, Ferguson A, Talbott J, Bresnahan J, Dhall S, Pan J, Beattie M, Manley G. Higher Mean Arterial Pressure Values Correlate with Neurologic Improvement in Patients with Initially Complete Spinal Cord Injuries. *World Neurosurg*. 2016;96:72-9. Epub 2016/08/28. doi: 10.1016/j.wneu.2016.08.053. PubMed PMID: 27565460; PubMed Central PMCID: PMC5127746.

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