

## Selected Recent Scholastic Activity –

### The National Institute of Health - Neuroradiology Section

(Baker, E; Biassou; N; Hammoud, D; Patronas, NJ)

#### Manuscripts:

- Colin J. O’Shea, Jennifer L. Sloan, Edythe A. Wiggs, Maryland Pao, Andrea Gropman, Eva **Baker**, Irimi Manoli, Charles P. Venditti, Joseph Snow . “Neurocognitive Phenotype of Isolated Methylmalonic Acidemia (MMA)”. *Pediatrics* 129(6):e1541-e1551 (2012)
- Courcoutsakis N, Tatsi C, **Patronas** NJ, Lee CC, Prassopoulos PK, Stratakis CA The complex of myxomas, spotty skin pigmentation and endocrine overactivity (Carney complex): imaging findings and with clinical and pathological correlation. *Insights Imaging* 2013; 4(1):119-133.
- Lai JP, Liu YC, Alimchandani M, Liu Q, Aung PP, Matsuda K, Lee CC, Tsokos M, Hewitt S, Rushing EJ, Tamura D, Levens DL, DiGiovanna JJ, Fine HA, **Patronas** N, Khan SG, Kleiner DE, Oberholtzer JC, Quezado M, Kraemer KH. The influence of the DNA repair on neurologic degeneration, cachexia, skin cancer and internal neoplasms: autopsy report of four xeroderma pigmentosum patients (XP-A, XP-C, and XP-D). *ACTA Neuropathol Commun* 2013; 8:1-17.
- Zilbermint M, Ramnitz MS, Lodish MB, Kanaka-Gantenbein C, Kattamis A, Lyssikatos C, **Patronas** NJ, Quezado MM. Pituitary Stalk lesion in a 13 year old female. *J Pediatr Endocr Metab* 2013; Oct 16:1-4 {Epub ahead of print}
- Dombi E, **Patronas** N, Widemann B. Imaging of Plexiform Neurofibromas in Neurofibromatosis Type 1. In: *Newurofibromatosis Type 1: Symptoms, Treatment and Prognosis* Mathias Karajannis and Jeffrey Allen (eds). Hauppauge, NY: Nova Science Publishers. Chapter 2. Ebook 2013.
- Gouliamos A, **Patronas** NJ,. Conventional imaging in the diagnosis of brain tumors. In: *Imaging in Clinical Oncology*. Gouliamos A, Andreou JA, Kosmidis PA (eds). Milan Heidelberg New York Dordrecht London. Springer 2013:123-137 .
- **Patronas** NJ. Diagnostic issues in treating brain tumors. In: *Imaging in Clinical Oncology*. Gouliamos A, Andreou JA, Kosmidis PA (eds). Milan Heidelberg New York Dordrecht London. Springer 2013:139-144.
- Gouliamos A, **Patronas** NJ. Tumors of the spinal cord and spinal canal. In: *Imaging in Clinical Oncology*. Gouliamos A, Andreou JA, Kosmidis PA (eds) Milan Heidelberg New York Dordrecht London. Springer 2013:145-149.
- London E, Rothenbuhler A, Lodish M, Gourgari E, Keil M, Lyssikatos C, de la Luz Sierra M, **Patronas** N, Nesterova M, Stratakis CA. Differences in adiposity in Cushings syndrome caused by PRKAR1A mutations: clues for the role of cyclic AMP signaling in obesity and diagnostic implications. *J Clin Endocrinol Metab* 2013 Dec 20: jc 20131956. (Epub ahead of print).
- Xekouki P, Mastroyiannis SA, Avgeropoulos D, de la Luz Sierra M, Trivellin G, Gourgani EA, Lyssikatos, Quezado M, **Patronas** N, Kanaka-Gantenbein C, Chrousos GP, Stratakis CA. Familial pituitary apoplexy as the only presentation of a novel AIP mutation. *Endocr Relat Cancer* 2013 2013 Sept 11:20(5):L11-4
- Lafferty MK, Fantry L, Bryant J, Jones O, **Hammoud** D, Weitzmann MN, Lewis GK, Garzino-Demo A, Reid W. Elevated suppressor of cytokine signaling-1 (SOCS-1): a mechanism for dysregulated osteoclastogenesis in HIV transgenic rats. *Pathog Dis.* 2013 Dec 9
- Martin S, Wolters P, Billings N, Toledo-Tamula MA, **Hammoud** DA, Welch P, Darnell D, Holland SM, Freeman AF. Neurobehavioral profiles in individuals with

hyperimmunoglobulin E Syndrome (HIES) and brain white matter hyperintensities. *J Clin Immunol*. 2013 Oct;33(7):1175-84

- Falcone EL, Adegbulugbe AA, Sheikh V, Imamichi H, Dewar RL, **Hammoud** DA, Sereti I, Lane HC. Cerebrospinal fluid HIV-1 compartmentalization in a patient with acquired immunodeficiency syndrome and acute varicella-zoster virus meningomyelradiculitis. *Clin Infect Dis*. 2013 May 31
- Peterson KL, Reid WC, Freeman AF, Holland SM, Pettigrew RI, Gharib AM, **Hammoud** DA. The use of <sup>14</sup>C-FIAU to predict bacterial thymidine kinase presence: Implications for radiolabeled FIAU bacterial imaging. *Nucl Med Biol*. 2013 Mar 27; Epub ahead of print.
- Ryan W.Y. Lee, Shoko Yoshida, Eun Sol Jung, Susumu Mori, Eva H. **Baker**, Forbes D. Porter. “Corpus Callosum Measurements Correlate With Developmental Delay in Smith-Lemli-Opitz Syndrome” *Pediatric Neurology* 49(2):107 (2013)
- Ryan W.Y. Lee, Sandra K. Conley, Andrea Gropman, Forbes D. Porter, Eva H. **Baker**. “Brain Magnetic Resonance Imaging Findings in Smith-Lemli-Opitz Syndrome” *AJMG* 161(10): 2407 (2013)
- Jonathan D. Blumenthal, Eva H. **Baker**, Nancy Raitano Lee, Benjamin Wade, Liv S. Clasen, Rhoshel K. Lenroot, Jay N. Giedd. “Brain morphological abnormalities in 49,XXXXY syndrome: A pediatric magnetic resonance imaging study ” *NeuroImage: Clinical* 2:197-203 (2013)
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- David A. Soltysik, Sunder Rajan, David Thomasson, Dan Krainak, Javier-Gonzalez Castillo, and Nadia **Biassou** 2013. Comparing Quality Control Indices for Functional MRI. *Human Brain Mapping Annual Conference (Conference Proceedings)*
- Zhou Q, Yang D, Ombrello A, Zavialov AV, Stone DL, Chae JJ, Rosenzweig SD, Bishop K, Barron K, Kuehn H, Hoffmann P, Tsai WL, Cowen EW, Pei W, Milner JD, Silvin C, Heller T, Chin DT, **Patronas** NJ, Barber JS, Lee CC R, Wood GM, Ling A, Kelly SJ, Kleiner DE, Ganson NJ, Kong HH, Candotti F, Quesado MM, Kaster DL, Aksentijevich I, et al. Intermittent Fever and Early-Onset Stroke Due to Mutations in ADA2. *NEJM* 2014 (in press)
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- **Patronas** NJ, Liu CY. State of Art Imaging of the Pituitary Tumors *J Neuro-oncology* 2014 (in press)
- Sati, P, Thomasson, D, Li, N; Pham, D, **Biassou**, N, Reich, D, and Butman, J. Rapid, high-resolution, whole-brain, susceptibility-based MRI of multiple sclerosis. (in press). *Journal of Multiple Sclerosis*.
- Wendy J. Introne, Wendy Westbroek, Andrew R. Cullinane, Catherine Groden, Vikas Bhambhani, Gretchen Golas, Eva H. **Baker**, Tanya Lehky, Shira G. Ziegler, David Adams, Heidi Dorward, Richard Hess, Marjan Huizing, William A. Gahl, Camilo Toro. “Neurocognitive Neurological Involvement in Patients with Mild Chediak-Higashi Disease” *Brain* (submitted)
- Demidowich AP, **Patronas** N, Nambuba J, Pacak K. Jugular fossa paraganglioma evaluated by MRI post-contrast 3D gradient echo sequence. *J Clin Endocrin Met*. 2014 (submitted).