



Matthew Bobinski, M.D., Ph.D.

Clinical Interests	Dr. Bobinski has clinical interests in neuroradiology, focusing on head and neck radiology and advanced magnetic resonance imaging techniques. His research interests are in imaging of head and neck cancer and effects of its treatment. His research projects also include brain tumors, Alzheimer's disease, degenerative brain disorders and dementia.
Title	Professor, Chief of Neuroradiology
Specialty	Radiology , Radiology - Neuroradiology
Department	Radiology
Division	Neuroradiology
Clinic	Radiology Services
Education	M.D., Medical University of Gdansk, Gdansk, Poland, 1988 Ph.D., Medical University of Gdansk, Gdansk, Poland, 1993
Internships	Staten Island University Hospital, Staten Island, New York, 1997
Residency	Long Island College Hospital, Brooklyn, New York, 1998-2002
Fellowships	New York University Medical Center, New York, New York, 2002-2004
Board Certifications	American Board of Radiology, Diagnostic Radiology, 2002 American Board of Radiology, Neuroradiology, 2004
Professional Memberships	American College of Radiology American Roentgen Ray Society American Society of Neuroradiology Radiological Society of North America
Select Recent Publications	Hahn Y, Diaz R, Bobinski M, Hartman J, Brodie H. Assessing stapes piston using computed tomography: a cadaveric study. <i>Otol Neurotol</i> , 30:223-230. 2009. J. Zhan, M. Brys, Glodzik L, Tsui W, Javier E, Wegiel J, Kuchna I, Pirraglia E, Li Y, Mosconi L, Saint Louis L, Switalski R, De Santi S, Kim BC, Wisniewski T, Reisberg B, Bobinski M, MJ de Leon. An Entorhinal Cortex Sulcal Pattern is Associated with Alzheimer's Disease. <i>Hum Brain Map</i> , 30: 874-882. 2009.



Matthew Bobinski, M.D., Ph.D.

- Mitsis EM, Bobinski M, de Leon, MJ, Convit A, deSanti S. Neuropathological and neuroimaging studies of the hippocampus in normal aging and in Alzheimer's disease. In *Neurobiology of Mental Illness*. Eds. Charney DS, Nestler EJ. Oxford. pp. 936-957. 2009.
- Wegiel J, Bobinski M, Tarnawski M, et al. Fibrillar amyloid-beta affects neurofibrillary changes, but only in neurons already involved in neurofibrillary degeneration. *Acta Neuropathol (Berl)*, 101(6): 585-90, 2001.
- de Leon M, Bobinski M, Convit A, Wolf O, Insausti R. Usefulness of MRI measures of entorhinal cortex versus hippocampus in AD. *Neurology*, 56(6):820-1, 2001.
- Bobinski M, de Leon MJ, Wegiel J, DeSanti S, Convit A, Saint Louis LA, Rusinek H, Wisniewski H. The histologic validation of postmortem MRI determined hippocampal volume in Alzheimer's disease. *Neuroscience*, 95:721-725, 2000.
- Bobinski M, de Leon MJ, Convit A, De Santi S, Wegiel J, Tarshish CY, Saint Louis LA, Wisniewski HM. MRI of the entorhinal cortex in mild Alzheimer's disease. *Lancet*, 353:38-40, 1999.
- Bobinski M, de Leon MJ, Tarnawski M, Wegiel J, Bobinski M, Reisberg B, Miller DC, Wisniewski HM. Neuronal and volume loss in CA1 of the hippocampal formation uniquely predicts duration and severity of Alzheimer's disease. *Brain Res*, 805:267-269, 1998.
- Bobinski M, Wegiel J, Tarnawski M, Bobinski M, de Leon MJ, Reisberg B, Miller DC, Wisniewski HM. Duration of neurofibrillary changes in the hippocampal pyramidal neurons. *Brain Res*, 799: 156-158, 1998.
- Bobinski M, Wegiel J, Tarnawski M, Bobinski M, Reisberg B, de Leon MJ, Miller DC, Wisniewski HM. Relationships between regional neuronal loss and neurofibrillary changes in the hippocampal formation and duration and severity in Alzheimer's disease. *J Neuropathol Exp Neurol*, 56:414-420, 1997.
- Bobinski M, Wegiel J, Wisniewski HM, Tarnawski M, Bobinski M, Reisberg B, de Leon MJ, Miller DC. Neurofibrillary pathology - correlation with hippocampal formation atrophy in Alzheimer's disease. *Neurobiol Aging*, 17:909-919, 1996.
- Reisberg B, Franssen EH, Bobinski M, et al. Overview of methodologic issues for pharmacologic trials in mild, moderate and severe Alzheimer's disease. *Int Psychogeriatr*, 8(2):159-93, summer 1996.
- Bobinski M, Wegiel J, Wisniewski HM, Tarnawski M, Reisberg B, Mlodzik B, de Leon MJ, Miller DC. Atrophy of hippocampal formation subdivisions correlates with the stage and duration of Alzheimer's disease. *Dementia*, 6:205-210, 1995.
- Wisniewski KE, Bobinski M. Hypothalamic abnormalities in Down's syndrome. *Prog Clin Biol Res*, 373:153-167, 1991.



Matthew Bobinski, M.D., Ph.D.

© 2017 UC Regents