

**RONALD JAY BENVENISTE, M.D., Ph.D.**  
**UNIVERSITY OF MIAMI**

Curriculum Vitae  
Standard Format

1. Date: October 14, 2015

**I. PERSONAL**

2. Name: Ronald Jay Benveniste, MD, PhD
3. Home Phone:
4. Office Phone: 305.575.7059
5. Home Address:
6. Current Academic Rank: Associate Professor of Clinical Neurosurgery
- 6a. Current Track of Appointment: Clinical Educator Track
7. Primary Department: Department of Neurological Surgery
8. Secondary or  
Joint Appointments: Miami Veterans Affairs Medical Center  
Neurosurgery Section Chief
9. Citizenship: United States of America
10. Visa Type: N/A

**II. HIGHER EDUCATION**

11. Institutional: University of Miami; B.S.; 05/1991  
Washington University; M.D., Ph.D.; 05/2000
12. Non-Institutional: 07/2006 – 06/2007  
Neurosurgical Oncology Fellowship  
Department of Neurological Surgery  
University of Texas, Anderson Cancer Center
- 07/2001- 06/2006  
Neurological Surgery Resident  
Department of Neurological Surgery  
Mount Sinai School of Medicine

07/2000 – 06/2001  
Surgery Internship  
Mount Sinai School of Medicine

13. Certification, licensure:

Neurosurgery Board Certification, November 2010  
2007 Florida; Medical License #ME98579  
2002 New York; Medical License #224953-1 (inactive)

### **III. EXPERIENCE**

14. Academic:

July 2010- Present:  
Neurosurgery Section Chief  
Department of Neurological Surgery  
Sylvester Comprehensive Cancer Center

July 2007- Present:  
Assistant Professor of Clinical Neurological Surgery  
Department of Neurological Surgery  
University of Miami, Miller School of Medicine

July 2007-Present:  
Neurosurgery Section Chief  
Department of Neurological Surgery  
Miami Veterans Affairs Medical Center

15. Hospital Appointments: Sylvester Comprehensive Cancer Center- July 2010  
University of Miami Hospital & Clinics - July 2007  
Miami Veterans Affairs Medical Center – July 2007

16. Non-Academic: N/A

17. Military: N/A

## IV. PUBLICATIONS

### 18. Books and monographs published:

1. **Benveniste RJ**: Central Nervous System Lymphoma, In: American College of Physicians. Physicians Information and Educational Resource, <http://pier.acponline.org>, 2008, updated 2012.
2. **Benveniste RJ**, Patel AB, Post KD: Management of cerebral venous sinus thrombosis. *Neurosurgery Quarterly* 14:27-45, 2004.

### 19. Juried or refereed journal articles or exhibitions:

1. Noll KR, Suki D, Weinberg J, **Benveniste R**. Neurocognitive Changes Associated With Surgical Resection of Left and Right Temporal Lobe Glioma. *Neurosurgery* 2015 Aug 26. [Epub ahead of print]
2. Merenda M, Perez-Barcena J, **Benveniste RJ**, Frontera G. Predictors of clinical failure of decompressive hemicraniectomy for malignant hemispheric infarction. *Journal of Neurological Sciences*, 355(1-2):54-58, 2015.
3. **Benveniste RJ**, Ferraro N, Tsimpas A. Yield and Utility of Routine Postoperative Imaging After Resection of Brain Metastases. *Journal of Neuro-Oncology* 118:363-367. 2014.
4. Hayes SB, **Benveniste RJ**, Morcos JJ, Aziz-Sultan MA, Elhammady MS. Retrospective comparison of craniotomy and decompressive craniectomy for surgical evacuation of nontraumatic, supratentorial intracerebral hemorrhage. *Neurosurg Focus*. 2013 May;34(5):E3
5. Gaynor BG, **Benveniste RJ**, Lieberman S, Casiano R, Morcos JJ. Acellular dermal allograft for sellar repair after transsphenoidal approach to pituitary adenomas. *J Neurol Surg B* 74:155-159, 2013.
6. Chaudhry N, Ahmad F, Blieden C, **Benveniste RJ**. Brainstem anaplastic glioma in patients with acquired immune deficiency syndrome: Case report and review of literature. *BMJ Case reports*, Feb 4, 2013.
7. Kahn DE, Ferraro N, **Benveniste RJ**. 3 cases of primary intracranial hemorrhage associated with "Molly", a purified form of 3,4-methylenedioxymethamphetamine (MDMA). *J Neurol Sci*, 323:257-60, 2012.
8. Warsch S, Hosein PJ, Morris MI, Teomete U, **Benveniste RJ**, Chapman JR, Lossos IS. Progressive multifocal leukoencephalopathy following treatment with bedamustine and rituximab. *Int J Hematol* 96:274-8, 2012.
9. Szalontay L, **Benveniste RJ**, Schally AV, Vidaurre I, Nadji M, Zarandi M, Block NL, Kovacs M. Inhibitory effects of GHRH antagonists on human GH-secreting adenoma tissue. *Neuroendocrinology* 96:81-8, 2012.
10. Zoeller GK, **Benveniste RJ**, Farhadi FA, Bruce J. Lymphocytic Hypophysitis in a Patient Presenting with Sequential Episodes of Optic Neuritis. *Pituitary* 15:101-105, 2012.

11. Nayar VV, **Benveniste RJ**, Lang FF. A novel technique for planning surgical approaches to the pineal region using external cranial landmarks. *J Neurosurg*, 113:1000-1003, 2010.
12. Zoeller GK, **Benveniste RJ**, Landy HL, Jagid J, Morcos J: Outcomes and management strategies following nondiagnostic stereotactic biopsies of brain lesions. *Stereotactic and Functional Neurosurgery*, 87:174-181, 2009.
13. Quintero Wolfe S, Hood B, Barker J, **Benveniste RJ**: Primary central nervous system lymphoma mimicking pituitary apoplexy. *Pituitary*, 12:76-79, 2009.
14. **Benveniste RJ**, Manzano G, Petito C: Multifocal glioblastoma multiforme with synchronous spontaneous hemorrhage: Case Report. *Journal of Neuro-oncology*, 89:55-58, 2008.
15. Quayle FJ, Fialkowski EA, **Benveniste RJ**, Moley JF: Pheochromocytoma penetrance varies by RET mutation in MEN 2A. *Surgery*, 142:800-805, 2007.
16. Germano IM, Uzzaman M, **Benveniste RJ**, Zaurovna M, Keller G: Apoptosis in human glioblastoma cells produced using embryonic stem cell-derived astrocytes expressing tumor necrosis factor-related apoptosis-inducing ligand. *J Neurosurg*, 105:88-95, 2006.
17. **Benveniste RJ**, Purohit D, Byun HS: Pituicytoma presenting with spontaneous hemorrhage: Case report. *Pituitary* 9:53-8, 2006.
18. Uzzaman M, **Benveniste RJ**, Keller G, Germano IM: Embryonic stem cell-derived astrocytes: A novel gene therapy vector for brain tumors. *Neurosurgical Focus*, 19(3):Article 6,2005.
19. **Benveniste RJ**, Keller G, Germano IM: Embryonic stem cell-derived astrocytes expressing drug-inducible transgenes: differentiation and allotransplantation into the mouse brain. *J Neurosurg*, 103:101-9, 2005.
20. **Benveniste RJ**, King WA, Lee JS, Delman BN, Post KD: Transsphenoidal reoperation for recurrent or residual pituitary adenoma. *J Neurosurg*, 102:1004-1012,2005.
21. **Benveniste RJ**, Germano IM: Effect of factors predictive of intraoperative brain shift on image-guided resection of malignant brain tumors. *Surg Neurol*, 63:542-548,2005.
22. **Benveniste RJ**, King WA, Walsh J, Lee JS, Naidich TP, Post KD: Surgery for Rathke cleft cyst: surgical techniques and outcomes. *J Neurosurg*, 101:577-584,2004.
23. Quayle FJ, **Benveniste RJ**, DeBenedetti MK, Wells SA, Moley JF: Hereditary medullary thyroid carcinoma in patients greater than 50 years old. *Surgery*, 136: 1116-20, 2004.
24. **Benveniste RJ**, Germano IM: Evaluation of factors predicting accurate resection of high-grade gliomas by using frameless stereotactic guidance. *Neurosurgical Focus*, 14(2): Article 5, 2003.
25. **Benveniste RJ**, Taghert PH: Cell type-specific regulatory sequences control expression of the *Drosophila FMRF-NH2* neuropeptide gene. *J Neurobiol*, 38:507-520,1999.
26. **Benveniste RJ**, Thor S, Thomas JB, Taghert PH: Cell type-specific regulation of the *Drosophila FMRF-NH2* neuropeptide gene by Apterous, a LIM homeodomain transcription factor. *Development*, 125:4757-4765, 19

## Other works, publications and abstracts:

### 20. Abstracts/Presentations:

1. Chen SM, Wu C, Li YY, Feun L, Wangpaichitr M, **Benveniste RJ**, Savaraj N: Utilizing collagen and discoidin domain receptor signaling as a new therapeutic strategy in human malignant glioma. Poster presentation at SNO annual meeting, November 2014.
2. Ziu M, Noll KR, Weinberg JS, **Benveniste RJ**, Turner C, Suki D, Wefel J: Neurocognitive changes associated with surgical resection of right versus left temporal lobe glioma. Poster presentation at CNS annual meeting, October 2014
3. Shah AH, Snelling BM, Bregy A, **Benveniste RJ**: Magnetic resonance perfusion (MRP) to facilitate the diagnosis of glioma progression. Poster presentation at CNS annual meeting, October 2014.
4. **Benveniste RJ**, Ferraro N. Utility and diagnostic yield of routine MRI after resection of brain metastases. Accepted for poster presentation, AANS annual meeting, April 2014.
5. Ziu M, Noll K, Weinberg J, **Benveniste R**, Turner C, Strange C, Wefel JS. Neurocognitive Functioning in Patients with Glioma of the Right and Left Temporal Lobes, Poster presentation, Society for Neuro-oncology national meeting, November 2013
6. Hayes S, **Benveniste RJ**. Retrospective Comparison of Craniotomy and Decompressive Craniectomy for patients undergoing surgical evacuation of nontraumatic, supratentorial intracerebral hemorrhage. Oral presentation, AANS national meeting, April 2013
7. Gaynor BG, **Benveniste RJ**, Casiano R, Lieberman S, Morcos JM. Acellular dermal allograft for the prevention of cerebrospinal fluid leak after transsphenoidal approach to pituitary adenomas. Oral presentation, North American Skull Base Society Meeting, February 2013
8. Nayar VV, **Benveniste RJ**, Lang FF. A novel technique for planning surgical approaches to the pineal region using external cranial landmarks. Digital poster presentation, CNS annual meeting, October 2009.
9. Zoeller G, Landy H, Morcos J, Jagid J, **Benveniste RJ**. Outcomes following nondiagnostic stereotactic biopsy of intracranial lesions. Digital poster presentation, CNS annual meeting, October 2008.
10. **Benveniste RJ**, Rhines LD: Instrumentation across the cervicothoracic junction following resection of metastatic tumors. Poster presentation at CNS annual meeting, October 2007.
11. **Benveniste RJ**, Wefel JS, Meyers CA, Hlatky R, Weinberg JS: Neurocognitive deficits following resection of right temporal lobe gliomas. Poster presentation at AANS meeting, April 2007.
12. **Benveniste RJ**, Bruner HJ, Tukici L, Ullman JS: Results and clinical utility of cerebral angiography in patients with carotid canal fractures. Poster presentation at AANS meeting, April 2006.
13. Germano IM, Uzzaman M, **Benveniste RJ**, Zaurovna M, Keller G: Synergistic pro-apoptotic effects of TRAIL on temozolomide-resistant gliomas. Poster presentation at AANS meeting, April 2006.
14. **Benveniste RJ**, Germano IM, Keller G: Use of embryonic stem cell-derived astrocytes as gene therapy vectors to treat malignant tumors. Oral presentation at Joint Tumor Section meeting, October 2004.

21. Other works accepted for publication: N/A

## **V. PROFESSIONAL**

22. Funded Research Performed:

Primary Investigator, UM IRB# 20131764, Serum Biomarkers of malignant transformation of low grade gliomas. An evaluation of blood-brain-barrier proteins and neuronal markers, June 1, 2014-June 30, 2016  
Funded by Florida Center for Brain Tumor Research Grant, \$33,150

23. Editorial Responsibilities:

1. Invited Reviewer, *Pituitary*, 2011-present.
2. Invited Reviewer, *Journal of Neurosurgical Sciences*, 2012-present
3. Invited reviewer, *BMC Ophthalmology*, 2011
4. Invited reviewer, *Brain Injury*, 2015
5. Invited reviewer, *BMC Cancer*, 2015
6. Invited reviewer, *Journal of Neurological Surgery Part A*, 2015

24. Professional and Honorary Organizations:

1. American Association of Neurological Surgeons (Member, 2004-present)
2. Congress of Neurological Surgeons (Member, 2002-present)
3. Society for Neuro-oncology (Member, 2011-present)
4. Florida Center for Brain Tumor Research Scientific Advisory Council (Member, 2009-present)

25. Honors and Awards:

1. New York State Society for Neurosurgery, Resident Research Prize, 2004.

26. Post-Doctoral Fellowships: N/A

27. Other Professional Activities: (non-funded research)

1. Primary investigator, UM IRB# 20071046, Identification and therapeutic targeting of molecular pathways associated with brain metastasis of primary melanoma, 2007-present.
2. Primary investigator, UM IRB# 2011022, Immunohistochemical analysis of expression of procollagen A1 in archived high grade glioma tissue, 2013-present.
3. Primary investigator, UM IRB# 20100747, Prospective and retrospective registry of patients undergoing neurosurgical treatment for pituitary adenoma, 2010-present.
4. Primary investigator, UM IRB# 20130808, Retrospective chart review to assess risk factors for diabetes insipidus following pituitary surgery, 2013-present.

5. Primary investigator, UM IRB# 20130373, Retrospective analysis of patients with a newly diagnosed glioblastoma multiforme and history of ischemic event or hypoxic medical comorbidities, 2013-present.
6. Primary investigator, UM IRB# 20130409, Retrospective chart review of utility of routine postoperative magnetic resonance imaging following resection of brain tumors, 2013-present.
7. Primary investigator, UM IRB# 20130208, Retrospective study of magnetic resonance perfusion imaging in treated gliomas, 2013-present,
8. Primary investigator, UM IRB# 20081229, Retrospective analysis of relationship between statin administration and clinical outcomes in patients with malignant brain tumors, 2008-present.
9. Primary investigator, UM IRB# 20130201, Retrospective analysis of patients with end stage idiopathic intracranial hypertension, 2013-present.
10. Coinvestigator, UM IRB# 20120750, Dendritic cell vaccine for malignant glioma and glioblastoma in adult and pediatric subjects, 2012-present.
11. Subinvestigator, UM IRB# 20130019, NCCTG N107C: A Phase III Trial of Post-Surgical Stereotactic Radiosurgery (SRS) Compared with Whole Brain Radiotherapy (WBRT) for Resected Metastatic Brain Disease, 2013-present.
12. Subinvestigator, UM IRB# 20110296, RTOG 0913: Phase I/II trial of concurrent RAD001 (everolimus) with temozolomide/radiation followed by adjuvant RAD001/temozolomide in newly diagnosed glioblastoma, 2012-present.
13. Subinvestigator, UM IRB#20130020, RTOG 1205: Randomized Phase II Trial for Concurrent Bevacizumab and Re-Irradiation Versus Bevacizumab Alone as Treatment for Recurrent Glioblastoma, 2013-present.

## **VI. TEACHING**

28. Teaching Awards Received:
  1. Neurosurgery Department Faculty Teaching Award 2010-2011 (chosen by resident physicians from among all attending physicians)
29. Teaching Specialization:
  1. Leader of small group discussions on pituitary tumors for second year medical students, 2014-15
  2. Lecturer for UMH Nursing Education Day, 2013
  3. Lecturer for Medical Oncology fellowship curriculum, 2013
  4. Faculty for AANS Goodman Oral Boards Course Review, 2013-15
  5. Lecturer for Emergency Medicine resident curriculum, 2012-15
  6. Undergraduate medical school course lecturer, 2008-2012
30. Thesis and Dissertation: N/A

## **VII. SERVICE**

31. University Committees:

1. Jackson Memorial Hospital, Emergency Room Admissions Arbitrator, 2014-present
2. Jackson Memorial Hospital Adult Bioethics Committee Member, 2013-present
3. Jackson Memorial Hospital Network Cancer Committee Member, 2013-present
4. Jackson Memorial Hospital Electronic Health Record Design Team, 2013-present
5. Jackson Memorial Hospital Transfusion Committee Member 2011-present
6. University of Miami Sylvester Cancer Center Tissue Bank Adjudication Committee, 2010-present
7. University of Miami Sylvester Cancer Center Neuro-oncology Site Disease Group Co-chair, 2007-present
8. University of Miami Sylvester Cancer Center Medical Executive Committee Member, 2007-present

32. Community Activities: N/A