CURRICULUM VITAE AND BIBLIOGRAPHY

Date of preparation: **March 1, 2009**

A. GENERAL INFORMATION

1. NAME: **Jason T. Huse, M.D.**

2. OFFICE ADDRESS: Sloan-Kettering Institute
408 E. 69th St.(Z1319)
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4. CELL PHONE: 917-887-1859

5. BEEPER: x3629

6. E-MAIL: husej@mskcc.org

7. CITIZENSHIP: U.S.

8. OPTIONAL INFORMATION:
   a. DATE OF BIRTH: January 27, 1974
   b. PLACE OF BIRTH: New York
   c. MARITAL STATUS: married
   d. SPOUSE'S NAME: Sonia
   e. CHILDREN'S NAMES AND AGES: None
   f. RACE/ETHNICITY: White/Asian
   g. LANGUAGES SPOKEN/WRITTEN: English

B. EDUCATIONAL BACKGROUND

1. Degree

Degree	Institution	Dates Attended	Year Awarded
B.A.	Princeton University Princeton, NJ	1992-1996	1996
M.D., Ph.D	University of Pennsylvania School of Medicine Philadelphia, PA	1996-2003	2003

C. PROFESSONAL POSITIONS AND EMPLOYMENT

1. Post-doctoral training

Title	Institution	Dates held
Resident, Pathology	Hospital of the University of Pennsylvania Philadelphia, PA	2003-05
Fellow in Neuropathology	Hospital of the University of Pennsylvania Philadelphia, PA	2005-07
Research Fellow	Sloan-Kettering Institute Memorial Sloan-Kettering Cancer Center New York, NY	2006-09

2. Academic positions

Instructor, Department of Pathology, Memorial Hospital for Cancer and Allied Diseases; 2008-2009

Assistant Attending, Department of Pathology, Leon Levy Foundation Young Investigator, Memorial Hospital for Cancer and Allied Diseases; 2009-present

3. Hospital positions

Instructor, Department of Pathology, Memorial Hospital for Cancer and Allied Diseases; 2008-2009

Assistant Attending, Department of Pathology, Memorial Hospital for Cancer and Allied Diseases; 2009-present

D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE

1. Licensure

a. State	Number	Date of Issue	Last Registration
New York	249948	08/12/08	07/31/10
Pennsylvania	MD430825	02/02/07	02/02/07

b. If no license: N/A

c. DEA number: N/A

d. NPI number: 1457426306

2. Board Certification

Board	Certificate #	Date
Anatomic Pathology American Board of Pathology	07-399	09/20/2007
Neuropathology American Board of Pathology	07-399	09/20/2007

3. Malpractice Insurance

Do you have Malpractice Insurance: Yes
Name of Provider: MSK Insurance Ltd.
Premiums paid by: c. institution (Memorial Sloan-Kettering Cancer Center)

E. PROFESSIONAL MEMBERSHIPS

College of American Pathologists
American Association of Neuropathologists

F. HONORS AND AWARDS:

Name	Date Awarded
Leon Levy Foundation Young Investigator	7/2009
Weil Award for the Best Paper in Experimental Neuropathogy (AANP Meeting)	6/2009
Revson/Winston Fellow in Biomedical Research	7/2009
David Tetenbaum Hope/American Brain Tumor Association Fellow	7/2006
Howard Hughes Medical Institute Postdoctoral Fellow	6/1999
Louise B. Flexner Student Prize for Outstanding Dissertation	10/2002
Saul Wingrad Award for Outstanding Dissertation	5/2002
Jesse H. Frank Prize in Pathology	5/2003
Robert M. Toll Medical Student Research Prize	5/2001

G. INSTITUTIONAL/HOSPITAL AFFILIATION

1. Primary Hospital Affiliation: Memorial Hospital for Cancer and Allied Diseases
2. Other Hospital Affiliation: none
3. Other Institutional Affiliations: Sloan-Kettering Institute

H. EMPLOYMENT STATUS

1. Current employer: Memorial Sloan-Kettering Cancer Center
2. Employment Status: Full-time
   a. Full-time salaried at Cornell-affiliated hospital

I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILIIES AND PERCENT EFFORT

1. Teaching/Mentoring:
None

2. Clinical care:
Attending Pathologist (Neuropathology and Autopsy)

3. Administrative duties, including committees, dates:
None

4. Research
Research Associate in the laboratory of Eric Holland, MD PhD 2006-2009
Assistant Member, Memorial Sloan-Kettering Cancer Center, 2009-present

	Current Percent Effort	Does the activity involve WMC students or researchers?	Does the activity involve MSK trainees or researchers?
Teaching/Mentoring	0%		
Clinical Care	20%	Yes	Yes
Administration	0%		
Research	80%	Yes	Yes
TOTAL:	100%		

J. RESEARCH SUPPORT

David Tetenbaum Hope/American Brain Tumor Association Fellowship (2006-2008)
Starr Consortium Award (2007-2009): Tom Tuschl PI.

Revson/Winston Biomedical Research Fellowship (2009)
Society for MSKCC Research Grant (2009-2011)
Brain Tumor Center Research Grant (2009-2010)

K. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

Invited Lectures:
"Biochemical and Morphological Characterization of BACE: The Alzheimer's Disease β-Secretase,"; Society for Neuroscience 2000 Conference, November 2000
"Pathology of Adult Brain Tumors"; Fox Chase Cancer Center; November 2008
"The PTEN-regulating microRNA miR-26a is amplified in high-grade glioma and facilitates gliomagenesis *in vivo*"; American Association of Neuropathologists Annual Meeting, 2009

BIBLIOGRAPHY

Articles

1. **Huse, J.T.**, Pijak, D.S., Leslie, G.J., Lee, V.M.-Y, Doms, R.W. "Maturation and Endosomal Targeting of ß-Site Amyloid Precursor Protein-cleaving Enzyme: The Alzheimer's Disease ß-Secretase". (2000) J Biol Chem 2000;275:33729-33737.
2. **Huse, J.T.**, Liu, K., Pijak, D.S., Carlin, D., Lee, V.M.-Y., Doms, R.W. "ß-Secretase Processing in the Trans-Golgi Network Preferentially Generates Truncated Amyloid Species That Accumulate in Alzheimer's Disease Brain". J Biol Chem 2002;277:16278-16284.
3. **Huse, J.T.**, Byant, D., Yang, Y., Pijak, D.S., D'Souza, I., Lah, J.J., Lee, V.M.-Y., Doms, R.W., Cook, D.G. "Endoproteolysis of ß-Secretase (BACE) Within its Catalytic Domain: A Potential Mechanism for Regulation". J Biol Chem 2003;278:17141-17149.
4. Schessl, J., Medne, L., Hu, Y., Brown, M.J., **Huse, J.T.**, Torigian, D.A., Jungbluth, H., Goebel, H.H., Bonnemann, C.G. "MRI in DNM2-related centronuclear myopathy: Evidence for highly selective muscle involvement". Neuromuscul Disord 2006;12:28-32.
5. Chen, H.I., Burnett, M.G., **Huse, J.T.**, Lusting, R.A., Bagley, L.J., Zager, E.L. "Recurrent delayed cerebral necrosis with aggressive characteristics after radiosurgical treatment of an arteriovenous malformation". J Neurosurg 2006;105:455-460
6. Cardillo, S., **Huse, J.T.**, Iqbal, N. "Diabetic muscle infarction of the forearm in a patient with longstanding type I diabetes". Endocr Pract 2006;12:188-192.

7. Elmariah, S.B., **Huse, J.**, LeRoux, P., Lustig, R.A. "Multicentric glioblastoma multiforme in a patient with BRCA1 invasive breast cancer". Breast J 2006;12:470-474.
8. **Huse, J.T.**, Pasha, T.L., Zhang, P.J. "D2-40 Functions as an effective chondroid marker distinguishing true chondroid tumors from chordoma". Acta Neuropathol 2006;113:87-94.
9. Whitmore, R.G., Krejza, J., Kapoor, G.S., **Huse, J.T.**, Woo, J., Bloom, S., Wolf, R.L., Judy, K., Rosenfeld, M., Biegel, J.A., Melhem, E.R., O'Rourke, D.M. "Prediction of oligodendroglial tumor subtype and grade using magnetic resonance perfusion-weighted imaging." J Neurosurg 2007;107:600-609.
10. Gasparetto, E.L., Pawlak, M.A., Patel, S.H., **Huse, J.T.**, Woo, J.H., Krejza, J., Rosenfeld, M.R., O'Rourke, D.M., Lustig, R., Melhem, E.R., Wolf, R.L. "Posttreatment recurrence of malignant brain neoplasm: accuracy of relative cerebral blood volume fraction in discriminating low from high malignant histologic volume fraction". Radiology 2009; 250, 887-896.
11. Perry, A., Miller, C. R., Gujrati, M., Scheithauer, B.W., Jost, S.C., Raghavan, R., Qian, J., Cochran, E.J., **Huse, J.T.**, Holland, E.C., Burger, P.C., Rosenblum, M.K. "Malignant Gliomas with Neuroblastic (PNET-like) Components (GBM-PNET): A Clinicopathologic and Genetic Study of 52 Cases". Brain Pathol 2009; 19: 81-90.
12. Bleau, A.-M., Hambardzumyan, D., Ozawa, T., Fomchenko, E.I., **Huse, J.T.**, Brennan, C.W., Holland, E.C. "PTEN/PI3K/Akt pathway regulates the side population phenotype and ABCG2 activity in glioma tumor stem-like cells". Cell Stem Cell 2009; 4: 226-235
13. **Huse, J.T.**, Brennan, C., Hambardzumyan, D., Wee, B., Pena, J., Rouhanifard, S.H., Sohn-Lee, C., le Sage, C., Agami, R., Tuschl, T., and Holland, E.C. "The PTEN-regulating microRNA miR-26a is amplified in high-grade glioma and facilitates gliomagenesis *in vivo*". Genes & Development 2009; 23, 1327-1337.

Reviews and monographs

1. **Huse, J.T.** and Doms R.W. "Closing in on the Amyloid Cascade: Recent Insights into the Cell Biology of Alzheimer's Disease". Mol Neurobiol 2000;22:81-98.
2. **Huse, J.T.** and Doms R.W. "Neurotoxic Traffic: Uncovering the Mechanics of Amyloid Production in Alzheimer's Disease". Traffic 2001;2:75-81.
3. **Huse, J.T.** "Book Review: Neuropathology (Series title: Foundations in Diagnostic Pathology), Editor: Richard Prayson". Human Pathol 2006;37:244-245.
4. **Huse, J.T.** and Holland, E.C. "Genetically Engineered Mouse Models of Brain Cancer and the Promise of Preclinical Testing". Brain Pathology 2009; 19, 132-143.
5. Bleau, A.-M., **Huse, J.T.,** Holland, E.C. "The Glioblastoma Resistance Network". Cell Cycle 2009. In press

Abstracts

1. **Huse, J.T.**, Pijak, D.S., Leslie, G.J., Lee, V.M.-Y, Doms, R.W. "Biochemical and Morphological Characterization of BACE: The Alzheimer's Disease ß-Secretase." Abstract to the Society for Neuroscience 2000 Conference.
2. **Huse, J.T.**, Pijak, D.S., Lee, V.M.-Y, Doms, R.W. "Cell Biological Analysis of BACE Activity and Mechanisms for its Regulation". Abstract to the Keystone Conference: The Molecular Basis of Neurodegenerative Disease (2001).
3. **Huse, J.T.**, Pijak, Lee, V.M.-Y, Doms, R.W. "Intracellular localization of ß-secretase (BACE) affects cleavage site specificity on the amyloid precursor protein". Abstract to the Society for Neuroscience 2001 Conference
4. **Huse, J.T.**, Bleau, A.-M., Helmy, K., Holland, E.C. "Investigating the Role of miRNA's in Human and Murine Gliomas". Abstract to the AACR Conference: The Role of Non-Coding RNAs in Cancer (2007).
5. **Huse, J.T.**, Brennan, C., Hambardzumyan, D., Pena, J., Rouhanifard, S.H., Sohn-Lee, C., le Sage, C., Agami, R., Tuschl, T., and Holland, E.C. "The PTEN-regulating microRNA miR-26a is amplified in high-grade glioma and facilitates gliomagenesis *in vivo*". Abstract to the Society for Neuro-oncology meeting (2008).
6. **Huse, J.T.**, Brennan, C., Hambardzumyan, D., Wee, B., Pena, J., Rouhanifard, S.H., Sohn-Lee, C., le Sage, C., Agami, R., Tuschl, T., and Holland, E.C. "The PTEN-regulating microRNA miR-26a is amplified in high-grade glioma and facilitates gliomagenesis *in vivo*". Abstract to the American Association of Neuropathologists meeting (2009).

Date:_____

Signature:_____