CURRICULUM VITAE

Name: Akio Morita, M.D., Ph.D.

Sex, Age: Male, 58 (DOB: July 23, 1957)

Nationality: Japanese

Education:

April, 1976-March 1978:	General culture course at the University of Tokyo
April 1978-March 1982:	Faculty of Medicine, University of Tokyo
May 1982:	M.D. degree
Jan 2001:	Ph.D. degree

Postgraduate training:

May 1982-March 1989	Clinical and research assistant in the Department of Neurosurgery, the University of Tokyo Hospital
July 29, 1988:	Japanese Board of Neurological surgeon
April 1989-December 1990:	Clinical Fellowship in the Department of Neurosurgery, Mayo Clinic (Director; Prof. T M Sundt Jr.)
January 1991-March 1995:	Resident fellow in the Department of Neurosurgery, Mayo Clinic (Director; Prof. D G Piepgras)
April 1995-December 1995:	Skull base Fellow/Instructor in the Department of Neurosurgery, George Washington University (Director; Prof. LN. Sekhar)
January, 1996-June, 1996:	Chief Resident Associate in Neurosurgery, Mayo Clinic
July, 1996-December, 1996:	Stereotactic and Radiosurgery Fellow at the Mayo Clinic (Director: Prof. Robert J. Coffey)

Appointments:

January, 1997-May,1997	Director of Neurosurgery at the Teraoka Memorial Hospital, Hiroshima, Japan
June, 1997	Visiting Fellow for Endoscope Assisted & Minimally Invasive Surgery at the Department of Neurosurgery, University of Mainz, Germany(Director: Prof. A Perneczky)
June, 1997-Aug.31, 1998:	Assistant Professor at the Department of Neurological Surgery, George Washington University Co-Director Spine Center George Washington University Medical Center
February 5, 1998-Aug. 31, 1998:	Clinical Assistant Professor Department of Neurosurgery University of Maryland
May 1998-Aug. 31, 1998	Co-director Minimally invasive cranial base surgery training center and laboratory
Sept.1, 1998- May15, 2001:	Assistant professor, Director of Neurosurgery ward Department of Neurosurgery, University of Tokyo (Chairman: Takaaki Kirino, MD, PhD)
May 16,2001-March 31, 2006	Associate Professor Department of Neurosurgery, University of Tokyo
April 1, 2006-Dec.2012:	Director, Department of Neurosurgery & Stroke Unit NTT Medical Center Tokyo
Jan. 1, 2013-Current:	Professor and Chairman, Department of Neurological Surgery Nippon Medical School, Graduate School of Medicine

Specialty:

Vascular surgery(intra-extracranial), Cranial Base Surgery, Minimally invasive surgery, Radiosurgery, Spinal Surgery, Neuro-Oncology

Research :

Epidemiological(cohort) study, Medical Engineering, Neurophysiology

Education experience:

Pre-graduate education(Medical School) : 22years

Post-graduate education (Clinical and preclinical, Graduate School): 25 years

Award:

1988	Kanto Neurosurgery Conference(Tokyo, Japan) Young neurosurgeon's award
1988	University of Tokyo Department of Neurosurgery Annual academic award
2004	Japan Neurosurgical Society: Award for Excellent Poster Presentation (Development of Microsurgical Robotic System for the Deep Surgical Field)
2008	The 4th Meeting of World Federation Skull Base Surgery, Excellent paper
2012	American Association of Neurological Surgeons, Best International Abstract Award

Visiting Professor:

June 2001	Massachusetts General Hospital Neurosurgery& Neurology Ground rounds
May, 2002	Mayo Graduate School of Medicine
June 2007	Harbor view Medical Center, University of Washington, Department of Neurosurgery
July 2013	University of Washington, Department of Neurosurgery
June, 2013	Dept. of Neurosurgery, Geneva University Hospital

Publications:

Over 200 peer reviewed journal publications including 2 articles in New England Journal of Medicine and 1 in Lancet Neurology. Total Impact factors: 555

Representative bibliographies:

Over 200 peer review English publication (current IF 555, Feb 2016)

1. The UCAS Japan Investigators (Morita A, Kirino T, Hashi K, Aoki N, Fukuhara S, Hashimoto N, Nakayama T, Sakai M, Teramoto A, Tominari S, Yoshimoto T; writing committee, Morita A; correspondence author): The Natural Course of Unruptured Cerebral Aneurysms in a Japanese Cohort. **New Engl J Med** 366: 2474-82, 2012 http://www.nejm.org/doi/full/10.1056/NEJMoa1113260
2. Greving JP, Wermer MJ, Brown RD Jr, Morita A, Juvela S, Yonekura M, Ishibashi T, Torner JC, Nakayama T, Rinkel GJ, Algra A. Development of the PHASES score for prediction of risk of rupture of intracranial aneurysms: a pooled analysis of six prospective cohort studies. **Lancet Neurol.** 2014 Jan;13(1):59-66. doi:
3. Morita A, Sora S, Mitsuishi M, Warisawa S, Surman K, Asai D, Baba S. Mochizuki R, Kirino T: Microsurgery robotic system for the deep surgical field. Development and feasibility study in animal and cadaveric models. **J Neurosurg** 103:320-327,2005
4. Morita A, Sameshima T, Sora S, Kimura T, Nishimura K, Itoh H, Shibahashi K, Shono N, Machida T, Hara N, Mikami N, Harihara Y, Kawate R, Ochiai C, Wang W, Oguro T. Development of a New Compact Intraoperative Magnetic Resonance Imaging System: Concept and Initial Experience. **Neurosurgery**. 2014 Jun;10 Suppl 2:220-9; discussion 229-30. doi: 10.1227/NEU.0000000000000304. PubMed PMID: 24476907.
5. Tominari S, Morita A, Ishibashi T, Yamazaki T, Takao H, Murayama Y, Sonobe M, Yonekura M, Saito N, Shiokawa Y, Date I, Tominaga T, Nozaki K, Houkin K, Miyamoto S, Kirino T, Hashi K, Nakayama T; for UCAS Japan Investigators.: Prediction model for three-year rupture risk of unruptured cerebral aneurysms in Japanese patients. **Ann Neurol.** 2015 Jun;77(6):1050-9. doi: 10.1002/ana.24400. Epub 2015 Apr 22.
6. Harada K, Morita A, Minakawa Y, Baek YM, Sora S, Sugita N, Kimura T, Tanikawa R, Ishikawa T, Mitsuishi M. Assessing microneurosurgical skill with medico-engineering technology. **World Neurosurg.** 2015 May 28. pii:S1878-8750(15)00630-0. doi: 10.1016/j.wneu.2015.05.033. [Epub ahead of print]PubMed PMID: 26028599.
7. Hattori Y, Ishii H, Morita A, Sakuma Y, Ozawa H: Characterization of the fundamental properties of the N-terminal truncation (Delta exon 1) variant of estrogen receptor alpha in the rat. Gene, 2015
8. Etminan N, Brown RD Jr, Beseoglu K, Juvela S, Raymond J, Morita A, Torner JC, Derdeyn CP, Raabe A, Mocco J, Korja M, Abdulazim A, Amin-Hanjani S, Al-Shahi Salman R, Barrow DL, Bederson J, Bonafe A, Dumont AS, Fiorella DJ, Gruber A, Hankey GJ, Hasan DM, Hoh BL, Jabbour P, Kasuya H, Kelly ME, Kirkpatrick PJ, Knuckey N, Koivisto T, Krings T, Lawton MT, Marotta TR, Mayer SA, Mee E, Pereira VM, Molyneux A, Morgan MK, Mori K, Murayama Y, Nagahiro S, Nakayama N, Niemelä M, Ogilvy CS, Pierot L, Rabinstein AA, Roos YB, Rinne J, Rosenwasser RH, Ronkainen A, Schaller K, Seifert V, Solomon RA, Spears J, Steiger HJ, Vergouwen MD, Wanke I, Wermer MJ, Wong GK, Wong JH, Zipfel GJ, Connolly ES Jr, Steinmetz H, Lanzino G, Pasqualin A, Rüfenacht D, Vajkoczy P, McDougall C, Hänggi D, LeRoux P, Rinkel GJ, Macdonald RL. The

unruptured intracranial aneurysm treatment score: A multidisciplinary consensus. **Neurology**. 2015 Aug 14. pii: 10.1212/WNL.0000000000001891. [Epub ahead of print] PubMed PMID: 26276380.

9. Hironaka K, Yamazaki Y, Hirai Y, Yamamoto M, Miyake N, Miyake K, Okada T, Morita A, Shimada T. Enzyme replacement in the CSF to treat metachromatic leukodystrophy in mouse model using single intracerebroventricular injection of self-complementary AAV1 vector. **Sci Rep.** 2015 Aug 18;5:13104. doi: 10.1038/srep13104. PubMed PMID: 26283284.
10. Hishikawa T, Date I, Tokunaga K, Tominari S, Nozaki K, Shiokawa Y, Houkin K, Murayama Y, Ishibashi T, Takao H, Kimura T, Nakayama T, Morita A; For UCAS Japan and UCAS II Investigators. Risk of rupture of unruptured cerebral aneurysms in elderly patients. **Neurology.** 2015 Oct 28. pii: 10.1212/WNL.0000000000002149.[Epub ahead of print] PubMed PMID: 26511450.