

BIOGRAPHICAL SKETCH

NAME		POSITION TITLE		
Nakamoto, Mika		Postdoctoral Fellow		
EDUCATION/TRAINING				
INSTITUTION AND LOCATION		DEGREE	YEAR(s)	FIELD OF STUDY
Kyoto University, Kyoto, Japan		B.S.	1985-1989	Medicine
Kyoto University, Faculty of Medicine, Kyoto, Japan		M.D.	1989-1991	Medicine
Kyoto University, Graduate School of Medicine, Kyoto, Japan		Ph.D.	1995-1998	Neurology

A. Positions and Honors**Positions and Employment**

1991-1992	Resident, Neurology, Kyoto University Hospital, Kyoto, Japan
1992-1994	Clinical Fellow, Neurology, Shizuoka General Hospital, Shizuoka, Japan
1994-1995	Clinical Faculty, Neurology, Shizuoka General Hospital
1998-2001	Postdoctoral Associate, Dept. of Molecular Medical Science, Osaka Bioscience Institute, Osaka, Japan
2001	Research Fellow, Dept. of Bio-study, Kyoto University, Kyoto, Japan
2001-2002	Postdoctoral Fellow, Dept. of Neurology, Emory University
2002-present	Postdoctoral Fellow, Dept. of Human Genetics, Emory University

Other Experience and Professional Memberships

1991-present	Medical License, Japan Medical Association
1991-present	Member, Japanese Society of Neurology
1991-present	Member, Japanese Society of Internal Medicine
1992-present	Member, Japanese Society of Neurological Therapeutics
1995-present	Certified, Neurology Specialist, Japanese Society of Neurology
1996-present	Member, Japanese Biochemical Society
1996-present	Member, Molecular Biology Society of Japan
2004-present	Member, American Society of Human Genetics (ASHG)

Honors

1998	Permitted early graduation for exceptional achievement
1999-2002	Research Fellowship, Japan Society for the Promotion of Science for Young Scientist
2004	Finalist, Postdoc Award, the 54th Annual Meeting, ASHG

B. Selected Publications (in chronological order)

- Nakamoto, M**, Takebayashi, H, Kawaguchi, Y, Narumiya, S, Taniwaki, M, Nakamura, Y, Ishikawa, Y, Akiguchi, I, Kimura, J and Kakizuka, A: A CAG/CTG expansion in the normal population. *Nat Genet.* 17, 385-386 (1997)
- Nakamoto, M**, Ikeda, H and Kakizuka, A: Genetics and Molecular Studies of Machado-Joseph Disease. In: Wells, RD, Warren, ST, eds. *Genetic Instabilities and Hereditary Neurological Diseases*: Academic Press, 283-297 (1998)
- Yamaguchi, M, **Nakamoto, M**, Honda, H, Nakagawa, T, Fujita, H, Nakamura, T, Hirai, H, Narumiya, S and Kakizuka, A: Retardation of skeletal development and cervical abnormalities in transgenic mice expressing a dominant-negative retinoic acid receptor in chondrogenic cells.

Proc Natl Acad Sci. U.S.A., 95(13), 7491-6 (1998)

- Nakamoto, M**, Nakano, S, Kawashima, S, Ihara, M, Nishimura, H, Shinde, A, Akiguchi, I and Kakizuka, A: Unequal crossing-over in unique PABP2 mutations in Japanese patients: a possible cause of oculopharyngeal muscular dystrophy. *Arch Neurol.* 59(3):474-7 (2002)
- Jin, P, Zarnescu, DC, Ceman, S, **Nakamoto, M**, Mowrey, J, Jongens, TA, Nelson, DL, Moses, K and Warren, ST: Biochemical and genetics interaction between fragile X protein and microRNA pathway. *Nat Neurosci* 7:113-117 (2004).
- Zarnescu, DC, Jin, P, **Nakamoto, M**, Dockendorff, TC, Feng, Y, Jongens, TA, Warren, ST and Moses, K: Fragile X protein functions with Igl and the par complex in flies and mice. *Dev Cell* 8:43-52 (2005).
- Nakamoto, M**, Jin, P, O'Donnell, WT and Warren, ST: Physiological identification of human transcripts translationally regulated by a specific microRNA. *Hum Mol Genet.* 14(24):3813-21 (2005)

C. Research Support

1999-2002 Mika Nakamoto

Japan Society for the Promotion of Science for Young Scientist, Tokyo, Japan

Analysis of triplet expansions in neuro-psychiatric disorders