CURRICULUM VITAE
HIDEO TSUBOUCHI
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BIRTH DATE: May 17, 1969

CITIZENSHIP: Japan

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EDUCATION:

1999	Osaka University, Osaka, Japan	Ph.D., Physiology
1994	Osaka University, Osaka, Japan	M.S., Physiology
1992	Osaka University, Osaka, Japan	B.S., Biology

AWARDS:

1999-2001	Japan Society for the Promotion of Science Postdoctoral Fellowship for Research Abroad
1992-1995	Graduate Student Scholarship from the Japan Scholarship Foundation

RESEARCH EXPERIENCE:

2005-present	Postdoctoral Associate, Department of Molecular, Cellular and Developmental Biology Yale University/Howard Hughes Medical Institute, New Haven, CT Advisor: G. Shirleen Roeder Project: Homologous chromosome pairing and synapsis in yeast meiosis

2001-2005	Howard Hughes Medical Institute Associate, Department of Molecular, Cellular and Developmental Biology Yale University/Howard Hughes Medical Institute, New Haven, CT Advisor: G. Shirleen Roeder Project: Homologous chromosome pairing and synapsis in yeast meiosis
1999-2001	Japan Society for the Promotion of Science Postdoctoral Fellow, Department of Molecular, Cellular and Developmental Biology Yale University, New Haven, CT Advisor: G. Shirleen Roeder Project: Homologous chromosome pairing and synapsis in yeast meiosis
1995-1999	Junior Faculty, Department of Biology, Graduate School of Science Osaka University, Osaka, Japan Advisor: Hideyuki Ogawa Project: Role of Mre11 protein in meiotic and mitotic recombination
1994-1995	Teaching Assistant, Department of Biology, Faculty of Science Osaka University, Osaka, Japan
1992-1995	Graduate Student, Department of Biology, Graduate School of Science Osaka University, Osaka, Japan Advisor: Hideyuki Ogawa Project: Role of Mre11 protein in meiotic and mitotic recombination

TEACHING EXPERIENCE:

Students Trained as Junior Faculty Member, Osaka University:
Tomomi Harada, M.S., 1999
Taizo Sumide, M.S., 1998
Hiroyuki Oshiumi, M.S., 1997
Mari Sueishi, B.S., 1997
Akitaka Nishio, M.S., 1996

Course Taught:
1994-1999: Laboratory Course for Genetics

INVITED PRESENTATIONS:

EMBO Workshop on Recombination Mechanisms, Seillac, France: 2006 **(invited speaker)**.

FASEB Meeting on Genetic Recombination and Chromosome Rearrangements, Snowmass Village, Colorado: 2005
"The budding yeast Hed1 protein regulates meiotic recombination pathways in favor of the Dmc1-dependent pathway through inhibition of Rad51" **(invited speaker)**.

EMBO Workshop on Meiosis, Obertraun, Austria: 2003
"Budding yeast Hop2 acts downstream of Dmc1 and facilitates homologous recognition in the meiotic recombination pathway" **(selected from poster presenters)**.

Annual Meeting of the Molecular Biology Society of Japan, Yokohama, Japan: 2002
"Budding yeast Hop2 acts downstream of Dmc1 and facilitates homologous recognition in the meiotic recombination pathway" **(selected from poster presenters)**.

PUBLICATIONS:

RESEARCH ARTICLES

Tsubouchi, H., Sehorn, M., Sung, P. and G.S. Roeder. Budding yeast Hed1 is a Meiosis-Specific Inhibitor of Rad51. **Cell**, submitted

Tsubouchi, H. and G.S. Roeder. (2004). The budding yeast Mei5 and Sae3 proteins act in the Dmc1-dependent meiotic recombination pathway. **Genetics** *168*, 1219-1230.
Featured in Okada, T. and S. Keeney. (2005). Homologous recombination: needing to have my say. **Curr Biol**. 15, R200-202.

Tsubouchi, H. and G.S. Roeder. (2003). The importance of genetic recombination for fidelity of chromosome pairing in meiosis. **Dev. Cell** *5*, 915-925.
Featured in Skipper, M. (2004). The link between recombination and chromosome pairing. **Nature Reviews Genetics** *5*, 87.

Tsubouchi, H., and G.S. Roeder. (2002). The Mnd1 protein forms a complex with Hop2 to promote homologous chromosome pairing and meiotic double-strand break repair. **Mol. Cell. Biol.** *22*, 3078-3088.

Tsubouchi, H., and H. Ogawa. (2000). Exo1 roles for repair of DNA double-strand breaks and meiotic crossing over in *Saccharomyces cerevisiae*. **Mol. Biol. Cell** *11*, 2221-2233.

Tsubouchi, H., and H. Ogawa. (1998). A novel *mre11* mutation impairs processing of double-strand breaks of DNA during both mitosis and meiosis. **Mol. Cell. Biol.** *18*, 260-268.

Furuse, M., Y. Nagase, **H.Tsubouchi**, K. Murakami-Murofushi, T. Shibata, and K. Ohta. (1998). Distinct roles of two separable *in vitro* activities of yeast Mre11 in mitotic and meiotic recombination. **EMBO J.** *17*, 6412-6425.

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