Tomoaki Hishida

EMPLOYMENT

2012-Present **Salk Institute for Biological Studies**
Postdoctoral research associate in the lab of Prof. Juan Carlos Izpisúa Belmonte
2008-2012 **Research Center for Genomic Medicine, Saitama Medical University**
Postdoctoral fellow in the lab of Prof. Okuda Akihiko

EDUCATION

2005-2008 Ph.D., Graduate School of Pharmaceutical Sciences, Nagoya City University
2003-2005 M.Sc., Graduate School of Pharmaceutical Sciences, Nagoya City University
1999-2003 B.Sc., Nagoya City University
In the lab of Prof. Imagawa Masayoshi

PUBLICATIONS

1) **Hishida, T.**, Nozaki, Y., Nakachi, Y., Mizuno, Y., Okazaki, Y., Ema, M., Takahashi, S., Nishimoto, M. & Okuda, A. (2011).
Indefinite Self-Renewal of ESCs through Myc/Max Transcriptional Complex-Independent Mechanisms.
Cell Stem Cell, *9*, 37-49.

2) **Hishida, T.**, Nishizuka, M., Osada, S. & Imagawa, M. (2009).
The role of C/EBPdelta in the early stages of adipogenesis.
Biochimie, *91*, 654-657.

3) **Hishida, T.**, Eguchi, T., Osada, S., Nishizuka, M. & Imagawa, M. (2008).
A novel gene, fad49, plays a crucial role in the immediate early stage of adipocyte differentiation via involvement in mitotic clonal expansion.
FEBS J., *275*, 5576-5588.

4) **Hishida, T.**, Naito, K., Osada, S., Nishizuka, M. & Imagawa, M. (2008).
Crucial roles of D-type cyclins in the early stage of adipocyte differentiation.
Biochem. Biophys. Res. Commun., 370, 289-294.

5) **Hishida, T.**, Naito, K., Osada, S., Nishizuka, M. & Imagawa, M. (2007).
peg10, an imprinted gene, plays a crucial role in adipocyte differentiation.
FEBS Lett., *581*, 4272-4278.

6) Tominaga, K., Kagata, T., Johmura, Y., **Hishida, T.**, Nishizuka, M. & Imagawa, M. (2005).
SLC39A14, a LZT protein, is induced in adipogenesis and transports zinc.
FEBS J., *272*, 1590-1599.

7) Tominaga, K., Kondo, C., Kagata, T., **Hishida, T.**, Nishizuka, M. & Imagawa, M. (2004).
The novel gene fad158, having a transmembrane domain and leucine-rich repeat, stimulates adipocyte differentiation.
J. Biol. Chem., *279*, 34840-34848.

AWARDS & LICENSES

- Presentation Award, the Japanese Biochemical Society, 2011.
  (The 84th Annual Meeting of the Japanese Biochemical Society, 2011).
- Distinguished Young Researcher Award, the Pharmaceutical Society of Japan, 2007.
  (Forum 2007: pharmaceutical health science environmental toxicology).
- National Pharmacist Licensure Examination, Passed, 2003 (Japan).

RESEARCH GRANTS

2010 – 2011 Grant-in-Aid for Young Scientists B from the Japan Society of the Promotion of Science (As a Principal Investigator).

PATENTS

Hishida, T., Kato, H. & Okuda, A.
Title of the invention: Not yet published, International application No.: PCT/JP2011/053110
(Priority date: 16 February 2010).