

Curriculum Vita

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Education

BS. 1992 Department of Biology, Osaka City University
MS. 1998 Department of Molecular Biology, Graduate School of Biological
Science, Nara Institute of Science and Technology
Ph.D 2001 Department of Biophysics, Faculty of Science, Kyoto University

Appointments

1992-1996 Research Associate, Department of Anatomy, Osaka Medical College
1999-2001 Staff Research Associate, Department of Developmental and Cell
Biology, University of California, Irvine
2001-2006 Post Doctoral Fellow, Department of Developmental and Cell Biology,
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Publications

Koide T, Miyasaka N, Morimoto K, Asakawa K, Urasaki A, Kawakami K, Yoshihara Y. (2009) Olfactory Neural Circuitry for Attraction to Amino Acids Revealed by Transposon-Mediated Gene Trap Approach in Zebrafish. *Proc Natl Acad Sci USA* 106(24):9884-9889

Koide T, Hayata T, Cho K. W. (2006) More challenges ahead of DHCR7's role in Hh signaling. *Development* 133(20):3952-3953.

Koide T, Hayata T, Cho K. W. (2006) Negative regulation of Hedgehog signaling by cholesterologenic enzyme, 7-dehydrocholesterol reductase. *Development* 133(12):2395-2405.

Koide T, Hayata T, Cho K. W. (2005) *Xenopus* as a model system to study transcriptional regulatory networks: Blueprint for the future. *Proc Natl Acad Sci U S A*. 102(14):4943-8

Baldessari D, Shin Y, Krebs O, Konig R, Koide T, Vinayagam A, Fenger U, Mochii M, Terasaka C, Kitayama A, Peiffer D, Ueno N, Eils R, Cho KW, Niehrs C. (2005)

Global gene expression profiling and cluster analysis in *Xenopus laevis*. *Mechanisms of Development*. 122(3):441-75

Shin Y, Kitayama A, Koide T, Peiffer D. A, Mochii M, Liao M, Ueno N, Cho K. W. (2005) Identification of neural genes using *Xenopus* DNA microarrays. *Developmental Dynamics* 232(2):432-44.

Arima K, Shiotsugu J, Niu R, Khandpur R, Martinez M, Shin Y, Koide T, Cho K. W., Kitayama A, Ueno N, Chandraratna RA, Blumberg B (2005) Global analysis of RAR-responsive genes in the *Xenopus* neurula using cDNA microarrays. *Developmental Dynamics* 232(2):414-431

Shiotsugu J, Katsuyama Y, Arima K, Baxter A, Koide T, Song J, Chandraratna RA, Blumberg B. (2004) Multiple points of interaction between retinoic acid and FGF signaling during embryonic axis formation. *Development* 131(11):2653-67.

Koide T, Umesono K, Hashimoto C. (2002) When does the anterior endomesoderm meet the anterior most neuroectoderm during *Xenopus* gastrulation ? *International Journal of Developmental Biology* 46: 777-783

Koide T, Downes M, Chandraratna RA, Blumberg B, Umesono K. (2001) Active repression of RAR signaling is required for head formation. *Genes and Development* 15(16):2111-21

Shimada M, Koide T, Kuroda E, Tsuboyama N, Hosokawa Y, Watanabe M. (1998) Expression and localization of cysteine dioxygenase mRNA in the liver, lung, and kidney of the rat. *Amino Acids* 15(1-2):143-50

Tsuboyama N, Hosokawa Y, Totani M, Oka J, Matumoto A, Koide T, Kodama H. (1996) Structural organization and tissue-specific expression of the gene encoding rat cysteine dioxygenase. *Gene* 181(1-2):161-5.

Watanabe M, Koide T, Konishi M, Kanbara K, Shimada M. (1995) Use of confocal laser scanning microscopy in radioautographic study. *Cell Mol Biol. (Noisy-le-grand)* 41(1):131-6

Hirose Y, Watanabe M, Koide T, Shimada M. (1994) Insulin-binding sites in the mouse deferent duct. *Acta Histochem.* 96(4):405-14