

Curriculum Vitae

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EDUCATIONAL BACKGROUND

April 2002- March 2006: Graduate School of Pharmaceutical Sciences,
University of Shizuoka (Ph.D. degree)

April 1996- March 1998: Graduate School of Pharmaceutical Sciences,
University of Shizuoka (Master's degree)

April 1992- March 1996: Graduate School of Pharmaceutical Sciences,
University of Shizuoka (Bachelor's degree)

CERTIFICATES

1996: Pharmacist's license

Publications

1. Fujii, N., Matsuo, Y., Matsunaga, T., Endo, S., Sakai, H., Yamaguchi, M.,

Yamazaki, Y., Sugatani, J., Ikari, A.: Hypotonic Stress-induced

Down-regulation of Claudin-1 and -2 Mediated by Dephosphorylation
and Clathrin-dependent Endocytosis in Renal Tubular Epithelial Cells.

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2. Shimobaba, S., Taga, S., Akizuki, R., Hichino, A., Endo, S., Matsunaga, T., Watanabe, R., Yamaguchi, M., **Yamazaki, Y.**, Sugatani, J., Ikari, A.: Claudin-18 inhibits cell proliferation and motility mediated by inhibition of phosphorylation of PDK1 and Akt in human lung adenocarcinoma A549 cells.
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3. Sugatani, J., Noguchi, Y., Hattori, Y., Yamaguchi, M., **Yamazaki, Y.**, Ikari, A.: Threonine-408 regulates the stability of human pregnane X receptor through its phosphorylation and the CHIP/Chaperone-Autophagy pathway.
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4. Ikari, A., Taga, S., Watanabe, R., Sato, T., Shimobaba, S., Sonoki, H., Endo, S., Matsunaga, T., Sakai, H., Yamaguchi, M., **Yamazaki, Y.**, Sugatani, J.: Clathrin-dependent endocytosis of claudin-2 by DFYSP peptide causes lysosomal damage in lung adenocarcinoma A549 cells.
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5. **Yamazaki, Y.**, Yasui, K., Hashizumu, T., Suto, A., Mori, A., Murata, Y., Yamaguchi, M., Ikari, A., Sugatani, J.: Involvement of a cyclic adenosine monophosphate-dependent signal in the diet-induced canalicular trafficking of adenosine triphosphate-binding cassette transporter g5/g8.
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6. Sonoki, H., Sato, T., Endo, S., Matsunaga, T., Yamaguchi, M., **Yamazaki, Y.**, Sugatani, J., Ikari, A.: Quercetin decreases claudin-2 expression mediated by up-regulation of microRNA miR-16 in lung adenocarcinoma A549 cells.
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7. Ikari, A., Fujii, N., Hahakabe, S., Hayashi, H., Yamaguchi, M., **Yamazaki, Y.**, Endo, S., Matsunaga, T., Sugatani, J.: Hyperosmolarity-induced down-regulation of claudin-2 mediated by decrease in PKC β -dependent GATA-2 in MDCK cells.
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8. Yamaguchi, M., Matsui, M., Higa, R., **Yamazaki, Y.**, Ikari, A., Miyake, M., Miwa, M., Ishii, S., Sugatani, J., Shimizu, T.: A platelet-activating factor (PAF) receptor deficiency exacerbates diet-induced obesity but PAF/PAF receptor signaling does not contribute to the development of obesity-induced chronic inflammation.
Biochem. Pharmacol., **93**, 482-495 (2015)
9. Sugatani, J., Hattori, Y., Noguchi, Y., Yamaguchi, M., **Yamazaki, Y.**, Ikari, A.: Threonine-290 regulates nuclear translocation of the human pregnane X receptor through its phosphorylation/dephosphorylation by Ca²⁺/calmodulin-dependent protein kinase II and protein phosphatase I.
Drug Metab. Dispos., **42**, 1708-1718 (2014)
10. Ikari, A., Watanabe, R., Sato, T., Taga, S., Shimobaba, S., Yamaguchi, M., **Yamazaki, Y.**, Endo, S., Matsunaga, T., Sugatani, J.: Nuclear distribution of claudin-2 increases cell proliferation in human lung adenocarcinoma cells.
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11. Ikari, A., Tonegawa, C., Sanada, A., Kimura, T., Sakai, H., Hayashi, H., Hasegawa, H., Yamaguchi, M., **Yamazaki, Y.**, Endo, S., Matsunaga, T., Sugatani, J.: Tight junctional localization of claudin-16 is regulated by syntaxin 8 in renal tubular epithelial cells.
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14. Ikari, A., Atomi, K., **Yamazaki, Y.**, Sakai, H., Hayashi, H., Yamaguchi, M., Sugatani, J.: Hyperosmolarity-induced up-regulation of claudin-4 mediated by NADPH oxidase-dependent H₂O₂ production and Sp1/c-Jun cooperation.
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15. Sugatani, J., Uchida, T., Kurosawa, M., Yamaguchi, M., **Yamazaki, Y.**, Ikari, A., Miwa, M.: Regulation of Pregnane X Receptor (PXR) function and UGT1A1 gene expression by posttranslational modification of PXR protein.
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16. Sugatani, J., Sadamitsu, S., Wada, T., **Yamazaki, Y.**, Ikari, A., Miwa, M.: Effects of dietary inulin, statin, and their co-treatment on hyperlipidemia, hepatic steatosis and changes in drug-metabolizing enzymes in rats fed a high-fat and high-sucrose diet.
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17. Ikari, A., Sato, T., Watanabe, R., **Yamazaki, Y.**, Sugatani, J.: Increase in claudin-2 expression by an EGFR/MEK/ERK/c-Fos pathway in lung adenocarcinoma A549 cells.
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18. Ikari, A., Atomi, K., Takiguchi, A., **Yamazaki, Y.**, Hayashi, H., Hirakawa, J., Sugatani, J.: Enhancement of cell-cell contact by claudin-4 in renal epithelial Madin-Darby canine kidney cells.
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19. **Yamazaki, Y.**, Hashizume, T., Morioka, H., Sadamitsu, S., kari, A., Miwa, M., Sugatani, J.: Diet-induced lipid accumulation in liver enhances ATP-binding cassette transporter g5/g8 expression at bile canaliculi.
Drug Metab. Pharmacokinet. **26**, 442-450 (2011)
20. Ikari, A., Sato, T., Takiguchi, A., Atomi, K., **Yamazaki, Y.**, Sugatani, J.: Claudin-2 knockdown decrease matrix metalloproteinase-9 activity and cell migration via suppression of nuclear Sp1 in A549 cells.
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