

PUBLICATION LIST (Review papers)

- 1 . Yuge S., Ishii T., Noishiki C., Fukuhara S. Novel regulatory mechanisms underlying angiogenesis during wound healing revealed by fluorescence-based live-imaging in zebrafish. **J. Biochem.** 2023 Mar 17;mvad024. doi: 10.1093/jb/mvad024.
- 2 . Yamamoto K., Takagi Y., Ando K., Fukuhara S.* Rap1 small GTPase regulates vascular endothelial-cadherin-mediated endothelial cell-cell junctions and vascular permeability. **Biol. Pharm. Bull.** 2021;44(10): 1371-1379. doi: 10.1248/bpb.b21-00504.
- 3 . Ando K., Ishii T., Fukuhara S., Zebrafish vascular mural cell biology: recent advances, development, and functions. **Life (Basel)** 2021 Oct 3;11(10): 1041. doi: 10.3390/life11101041.
- 4 . Rho S., Ando K., Fukuhara S. (Corresponding author). Dynamic regulation of vascular permeability by vascular endothelial cadherin-mediated endothelial cell-cell junctions. **J. Nippon Med. Sch.** 2017;84(4):148-159. doi: 10.1272/jnms.84.148. Review.
- 5 . Fukuhara S., Fukui H., Wakayama Y., Ando K., Nakajima H., Mochizuki N. Looking back and moving forward: Recent advances in understanding of cardiovascular development by imaging of zebrafish. **Dev. Growth Differ.** 2015 May;57(4):333-40. doi: 10.1111/dgd.12210.
- 6 . Fukuhara S. (Corresponding author), Sako K., Noda K., Zhang J., Minami M., Mochizuki N. Angiopoietin-1/Tie2 receptor signaling in vascular quiescence and angiogenesis. **Histol. Histopathol.** 25: 387-396 (2010).
- 7 . Fukuhara S., Sako K., Noda K., Nagao K., Miura K., Mochizuki N. Tie2 is tied at the cell-cell contacts and to extracellular matrix by Angiopoietin-1. **Exp. Mol. Med.** 41: 133-139 (2009).
- 8 . Fukuhara S., Chikumi H., Gutkind J.S. RGS-containing RhoGEFs: The missing link between transforming G proteins and Rho? **Oncogene** 20: 1661-1668 (2001).
- 9 . Fukuhara S., Gutkind J.S. A new twist for the tumour suppressor hamartin. **Nat. Cell Biol.** 2: E76-E78 (2000).
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