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### Education

2021 Ph.D/Graduate School of Medicine, Kanazawa University

### Employment

Research Assistant Professor, 2022-present  
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Technician, 2016-2022  
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### Publication

1. Yohei Shinmyo, Kengo Saito, **Toshihide Hamabe-Horiike**, Narufumi Kameya, Akitaka Ando, Kanji Kawasaki, Tung Anh Dinh Duong, Masataka Sakashita, Jureepon Roboon, Tsuyoshi Hattori, Takayuki Kannon, Kazuyoshi Hosomichi, Michel Slezak, Matthew G Holt, Atsushi Tajima, Osamu Hori, Hiroshi Kawasaki, Localized astrogenesis regulates gyrification of the cerebral cortex, *Science Advances*, Vol. 8, No. 10, eabi5209, 2022
2. Yusuke Nakamura, Jun Kinoshita, Takahisa Yamaguchi, Tatsuya Aoki, Hiroto Saito, **Toshihide Hamabe-Horiike**, Shinichi Harada, Sachiyo Nomura, Noriyuki Inaki, Sachio Fushida, Crosstalk between cancer-associated fibroblasts and immune cells in peritoneal metastasis: inhibition in the migration of M2 macrophages and mast cells by Tranilast, *Gastric Cancer*, in press, 2022
3. **Toshihide Hamabe-Horiike**, Kanji Kawasaki, Masataka Sakashita, Chihiro Ishizu, Tomokazu Yoshizaki, Shin-ichi Harada, Keiko Ogawa-Ochiai, Yohei Shinmyo, Hiroshi Kawasaki, Glial cell type-specific gene expression in the mouse cerebrum using the piggyBac system and in utero electroporation, *Scientific Reports*, Vol. 11, No. 4864, pp. 1-14, 2021

4. Kazuya Morita, Naoyuki Matsumoto, Kengo Saito, **Toshihide Hamabe-Horiike**, Keishi Mizuguchi, Yohei Shinmyo, Hiroshi Kawasaki, BMP signaling alters aquaporin-4 expression in the mouse cerebral cortex, *Scientific Reports*, Vol. 11, No. 10540, pp1-11, 2021
5. Katsuya Gunjigake, Jun Kinoshita, Takahisa Yamaguchi, Hiroto Saito, Daisuke Fujimori, **Toshihide Horiike**, Shinichi Harada, Hidehiro Tajima, Itasu Ninomiya, Tetsuo Ohta, Sachio Fushida, Interleukin-17A derived from mast cells contributes to fibrosis in gastric cancer with peritoneal dissemination, *Gastric Cancer*, Vol. 24, No. 1, pp. 31-44, 2021
6. Mayuko Yoshino, Kengo Saito, Kanji Kawasaki, **Toshihide Horiike**, Yohei Shinmyo, Hiroshi Kawasaki, The origin and development of subcortical U-fibers in gyrencephalic ferrets, *Molecular Brain*, Vol. 13, No. 37, pp. 1-9, 2020
7. Naoyuki Matsumoto, Satoshi Tanaka, **Toshihide Horiike**, Yohei Shinmyo, Hiroshi Kawasaki, A discrete subtype of neural progenitor crucial for cortical folding in the gyrencephalic mammalian brain, *eLife*, Vol. 9, e54873, pp. 1-26, 2020
8. Kengo Saito, Keishi Mizuguchi, **Toshihide Horiike**, Tung Anh Dinh Duong, Yohei Shinmyo, Hiroshi Kawasaki, Characterization of the Inner and Outer Fiber Layers in the Developing Cerebral Cortex of Gyrencephalic Ferrets, *Cerebral Cortex*, Vol. 29, No. 10, pp. 4303-4311, 2019
9. Keishi Mizuguchi, **Toshihide Horiike**, Naoyuki Matsumoto, Yoshie Ichikawa, Yohei Shinmyo, Hiroshi Kawasaki, Distribution and Morphological Features of Microglia in the Developing Cerebral Cortex of Gyrencephalic Mammals, *Neurochemical Research*, Vol. 43, No. 5, pp. 1075-1085, 2018
10. Yohei Shinmyo, Yukari Terashita, Tung Anh Dinh Duong, **Toshihide Horiike**, Muneo Kawasumi, Kazuyoshi Hosomichi, Atsushi Tajima, Hiroshi Kawasaki, Folding of the cerebral cortex requires Cdk5 in upper-layer neurons in gyrencephalic mammals, *Cell Reports*, Vol. 20, No. 9, pp. 2131-2143, 2017