

Stanford



Sakura Tanaka

Postdoctoral Scholar, Psychiatry

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Master of Science, Hokkaido University (2018)
- Bachelor of Science, Hokkaido University (2015)
- Doctor of Philosophy, Univ of Maryland Baltimore County (2022)

STANFORD ADVISORS

- Nirao Shah, Postdoctoral Faculty Sponsor

LINKS

- Dr. Nirao Shah Laboratory: <https://med.stanford.edu/nirao.html>
- LinkedIn: <https://www.linkedin.com/in/sakura-tanaka-470582228/>
- Twitter: <https://twitter.com/sakuratanaka000>

Publications

PUBLICATIONS

- **Role of gonadal soma-derived growth factor (gsdf) on sex-differentiation in Nile tilapia, *Oreochromis niloticus*.** *General and comparative endocrinology*
Arai, T., Tanaka, S., Sakon, M., Gao, H., Ijiri, S.
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- **Gonadotropin releasing hormone - gonadotropes interactions revealed by pituitary single-cell transcriptomics in zebrafish.** *Endocrinology*
Tanaka, S., Yu, Y., Levavi-Sivan, B., Zmora, N., Zohar, Y.
2024
- **Loss of function of Vasoactive-intestinal peptide alters sex ratio and reduces male reproductive fitness in zebrafish.** *Endocrinology*
Yu, Y., Tanaka, S., Wong, T. T., Zohar, Y., Zmora, N.
2024
- **Chemogenetic Depletion of Hypophysiotropic GnRH Neurons Does Not Affect Fertility in Mature Female Zebrafish** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
Tanaka, S., Zmora, N., Levavi-Sivan, B., Zohar, Y.
2022; 23 (10)

- **Vasoactive Intestinal Peptide Indirectly Elicits Pituitary LH Secretion Independent of GnRH in Female Zebrafish** *ENDOCRINOLOGY*

Tanaka, S., Zmora, N., Levavi-Sivan, B., Zohar, Y.
2022; 163 (2)

- **Effects of Infectious Diseases on Population Dynamics of Marine Organisms in Chesapeake Bay** *ESTUARIES AND COASTS*

Jesse, J. A., Agnew, M., Arai, K., Armstrong, C., Hood, S. M., Kachmar, M. L., Long, J. T., McCarty, A. J., Ross, M. O., Rubalcava, K. D., Shaner, J.,
Tanaka, S., Wood, et al
2021; 44 (8): 2334-2349