

Stanford

Tadashi Takeuchi

Postdoctoral Scholar, Microbiology and Immunology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Keio University (2022)
- Doctor of Medicine, Keio University (2009)
- PhD, Keio University , Microbiology and Immunology (2022)
- MD, Keio University , Medicine (2009)

STANFORD ADVISORS

- Justin Sonnenburg, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Analysis of Peripherally Derived Treg in the Intestine.** *Methods in molecular biology (Clifton, N.J.)*
Takeuchi, T., Ohno, H.
2023; 2559: 41-49
- **Gut microbial carbohydrate metabolism contributes to insulin resistance.** *Nature*
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- **Fatty acid overproduction by gut commensal microbiota exacerbates obesity.** *Cell metabolism*
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- **Human gut microbiota and its metabolites impact immune responses in COVID-19 and its complications.** *Gastroenterology*
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- **A Japanese Herbal Formula, Daikenchuto, Alleviates Experimental Colitis by Reshaping Microbial Profiles and Enhancing Group 3 Innate Lymphoid Cells.** *Frontiers in immunology*
Shi, Z., Takeuchi, T., Nakanishi, Y., Kato, T., Beck, K., Nagata, R., Kageyama, T., Ito, A., Ohno, H., Satoh-Takayama, N.
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- **High-throughput identification and quantification of single bacterial cells in the microbiota.** *Nature communications*
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- **Reciprocal regulation of IgA and the gut microbiota: a key mutualism in the intestine.** *International immunology*
Takeuchi, T., Ohno, H.
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- **Acetate differentially regulates IgA reactivity to commensal bacteria.** *Nature*

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- **CD8+ regulatory T cells are critical in prevention of autoimmune-mediated diabetes.** *Nature communications*
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2020; 11 (1): 1922
- **Recurrent cardiovascular events in patients with newly diagnosed acute coronary syndrome: Influence of diabetes and its management with medication.** *Journal of diabetes and its complications*
Komaru, Y., Takeuchi, T., Suzuki, L., Asano, T., Urayama, K. Y.
2020; 34 (3): 107511
- **Understanding the immune signature fingerprint of peritoneal dialysis-related peritonitis.** *Kidney international*
Takeuchi, T., Ohno, H., Satoh-Takayama, N.
2017; 92 (1): 16-18
- **Comparison of cardiovascular disease risk associated with 3 lipid measures in Japanese adults.** *Journal of clinical lipidology*
Takeuchi, T., Nemoto, K., Takahashi, O., Urayama, K. Y., Deshpande, G. A., Izumo, H.
2014; 8 (5): 501-9
- **Cancer metastasis is accelerated through immunosuppression during Snail-induced EMT of cancer cells.** *Cancer cell*
Kudo-Saito, C., Shirako, H., Takeuchi, T., Kawakami, Y.
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