

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

- **Microbial Metabolites and Gut Immunology.** *Annual review of immunology*
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- **Improved mouse models of the small intestine microbiota using region-specific sampling from humans.** *bioRxiv : the preprint server for biology*
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- **Analysis of Peripherally Derived Treg in the Intestine.** *Methods in molecular biology (Clifton, N.J.)*
Takeuchi, T., Ohno, H.
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- **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*
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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*
Shimokawa, C., Kato, T., Takeuchi, T., Ohshima, N., Furuki, T., Ohtsu, Y., Suzue, K., Imai, T., Obi, S., Ochiai, A., Izumi, T., Sakurai, M., Arakawa, et al
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- **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*
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- **Understanding the immune signature fingerprint of peritoneal dialysis-related peritonitis.** *Kidney international*
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- **Comparison of cardiovascular disease risk associated with 3 lipid measures in Japanese adults.** *Journal of clinical lipidology*
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- **Cancer metastasis is accelerated through immunosuppression during Snail-induced EMT of cancer cells.** *Cancer cell*
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