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Publications

PUBLICATIONS

- **Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection.** *Med (New York, N.Y.)*
Natarajan, A., Zlitni, S., Brooks, E. F., Vance, S. E., Dahlen, A., Hedlin, H., Park, R. M., Han, A., Schmidtke, D. T., Verma, R., Jacobson, K. B., Parsonnet, J., Bonilla, et al
2022
- **Life-long exercise training and inherited aerobic endurance capacity produce converging gut microbiome signatures in rodents.** *Physiological reports*
Anhe, F. F., Zlitni, S., Barra, N. G., Foley, K. P., Nilsson, M. I., Nederveen, J. P., Koch, L. G., Britton, S. L., Tarnopolsky, M. A., Schertzer, J. D.
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- **Standardized and optimized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA.** *medRxiv : the preprint server for health sciences*
Natarajan, A., Han, A., Zlitni, S., Brooks, E. F., Vance, S. E., Wolfe, M., Singh, U., Jagannathan, P., Pinsky, B. A., Boehm, A., Bhatt, A. S.
2021
- **Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA.** *Nature communications*
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2021; 12 (1): 5753
- **Gut microbiota impairs insulin clearance in obese mice.** *Molecular metabolism*
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- **NOD2 in hepatocytes engages a liver-gut axis to protect against steatosis, fibrosis, and gut dysbiosis during fatty liver disease in mice.** *American journal of physiology. Endocrinology and metabolism*
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2020
- **The gastrointestinal microbiota controls cancer cell intrinsic mechanisms to promote the progression of acute lymphoblastic leukemia.**
Mahauad-Fernandez, W., Zlitni, S., Bhatt, A., Felsher, D.
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- **Strain-resolved microbiome sequencing reveals mobile elements that drive bacterial competition on a clinical timescale.** *Genome medicine*
Zlitni, S. n., Bishara, A. n., Moss, E. L., Tkachenko, E. n., Kang, J. B., Culver, R. N., Andermann, T. M., Weng, Z. n., Wood, C. n., Handy, C. n., Ji, H. P., Batzoglou, S. n., Bhatt, et al
2020; 12 (1): 50
- **Adipose Tissue Inflammation Is Directly Linked to Obesity-Induced Insulin Resistance, while Gut Dysbiosis and Mitochondrial Dysfunction Are Not Required.** *Function (Oxford, England)*
Petrick, H. L., Foley, K. P., Zlitni, S., Brunetta, H. S., Paghialunga, S., Miotto, P. M., Politis-Barber, V., O'Dwyer, C., Philbrick, D. J., Fullerton, M. D., Schertzer, J. D., Holloway, G. P.
2020; 1 (2): zqaa013
- **Mimicking the human environment in mice reveals that inhibiting biotin biosynthesis is effective against antibiotic-resistant pathogens.** *Nature microbiology*
Carfrae, L. A., MacNair, C. R., Brown, C. M., Tsai, C. N., Weber, B. S., Zlitni, S., Rao, V. N., Chun, J., Junop, M. S., Coombes, B. K., Brown, E. D.

2019

- **Large-Scale Analyses of Human Microbiomes Reveal Thousands of Small, Novel Genes.** *Cell*
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2019
- **Long term but not short term exposure to obesity related microbiota promotes host insulin resistance.** *Nature communications*
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