

# Publications

Kang K, Imamovic L, Misiakou M, Sørensen MB, Heshiki Y, Ni Y, Zheng T, Li J, Ellabaan MMH, Colomer-Lluch M, Rode AA, Bytzer P, Panagiotou G<sup>#</sup>, Sommer MOA (corresponding author<sup>#</sup>) (2021) Expansion and persistence of antibiotic-specific resistance genes following antibiotic treatment. *Gut Microbes* 13(1), 1-19.

Zhang J, Ni Y, Qian L, Fang Q, Zheng T, Zhang M, Gao Q, Zhang Y, Ni J, Hou X, Bao Y, Kovatcheva-Datchary P, Xu A, Li H, Panagiotou G<sup>#</sup>, Jia W (2021) Decreased abundance of *Akkermansia muciniphila* leads to the impairment of insulin secretion and glucose homeostasis in lean type 2 diabetes. *Adv Sci (Weinh)* 8(16), e2100536.

Blango MG, Pschibul A, Rivieccio F, Krüger T, Rafiq M, Jia L, Zheng T, Goldmann M, Voltersen V, Li J, Panagiotou G, Kniemeyer O, Brakhage AA (2020) Dynamic surface proteomes of allergenic fungal conidia. *J Proteome Res* 19(5), 2092-2104.

Zheng T, Li J, Ni Y, Kang K, Misiakou MA, Imamovic L, Chow BKC, Rode AA, Bytzer P, Sommer M, Panagiotou G<sup>\*\*</sup> (2019) Mining, analyzing, and integrating viral signals from metagenomic data. *Microbiome* 7(1), 42.

Kang K, Ni Y, Li J, Imamovic L, Sarkar C, Kobler MD, Heshiki Y, Zheng T, Kumari S, Wong JCY, Archna A, Wong CWM, Dingle C, Denizen S, Baker DM, Sommer MOA, Webster CJ, Panagiotou G<sup>\*\*</sup> (2018) The environmental exposures and inner- and intercity traffic flows of the metro system may contribute to the human skin microbiome and resistome. *Cell Reports* 24(5), 1190-1202.

Heshiki Y, Dissanayake T, Zheng T, Kang K, Yueqiong N, Xu Z, Sarkar C, Woo PCY, Chow BKC, Baker D, Yan A, Webster CJ, Panagiotou G<sup>\*\*</sup>, Li J<sup>\*\*</sup> (2017) Toward a Metagenomic Understanding on the Bacterial Composition and Resistome in Hong Kong Banknotes. *Front Microbiol* 8, 632.

Zheng T, Ni Y, Li J, Chow BKC, Panagiotou G<sup>\*\*</sup> (2017) Designing Dietary Recommendations Using System Level Interactomics Analysis and Network-Based Inference. *Front Physiol* 8, 753.

\*equal contribution <sup>#</sup>corresponding author