

Publications

Csader S*, Chen X*, Leung H*, Männistö V, Pentikäinen H, Tauriainen MM, Savonen K, El-Nezami H, Schwab U#, Panagiotou G# (2023) Gut ecological networks reveal associations between bacteria, exercise and clinical profile in non-alcoholic fatty liver disease patients. *mSystems* [Epub ahead of print]

Leung H, Xiong L, Ni Y, Busch A, Bauer M, Press AT, Panagiotou G (2023) Impaired flux of bile acids from the liver to the gut reveals microbiome-immune interactions associated with liver damage. *NPJ Biofilms and microbiomes* 9(1), 35.

Ni Y*, Qian L*, Leal Siliceo S*, Long X*, Nychas E, Liu Y, Ismaiah MJ, Leung H, Zhang L, Gao Q, Wu Q, Zhang Y, Jia Xi, Liu S, Yuan R, Zhou L, Wang X, Li Q, Zhao Y, El-Nezami H, Xu A, Xu G#, Li H#, Panagiotou G#, Jia W# (2023) Resistant starch decreases intrahepatic triglycerides in NAFLD patients via gut microbiome alterations. *Cell Metab* 35(9), 1530-1547.

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Haange SB, Jehmlich N, Krügel U, Hintschich C, Wehrmann D, Hankir M, Seyfried F, Froment J, Hübschmann T, Müller S, Wissenbach DK, Kang K, Buettner C, Panagiotou G, Noll M, Rolle-Kampczyk U, Fenske W, von Bergen M (2020) Gastric bypass surgery in a rat model alters the community structure and functional composition of the intestinal microbiota independently of weight loss. *Microbiome* 8(1), 13.

Liu Y, Wang Y, Ni Y, Cheung CKY, Lam KSL, Wang Y, Xia Z, Ye D, Guo J, Tse MA, Panagiotou G**, Xu A** (corresponding authors**) (2020) Gut microbiome fermentation determines the efficacy of exercise for diabetes prevention. *Cell Metab* 31(1), 77-91.

Nie X, Chen J, Ma X, Ni Y, Shen Y, Yu H, Panagiotou G**, Bao Y** (corresponding authors**) (2020) A metagenome-wide association study of gut microbiome and visceral fat accumulation. *Comput Struct Biotechnol J* 18, 2596-2609.

Zhang L, Ouyang Y, Li H, Shen L, Ni Y, Fang Q, Wu G, Qian L, Xiao Y, Zhang J, Yin P, Panagiotou G, Xu G, Ye J, Jia W (2019) Metabolic phenotypes and the gut microbiota in response to dietary resistant starch type 2 in normal-weight subjects: a randomized crossover trial. *Sci Rep* 9(1), 4736.

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