

Publications

Peng H, Schmiederer J, Chen X, Panagiotou G, Kries H[#] (2024) Controlling substrate- and stereospecificity of condensation domains in nonribosomal peptide synthetases. *ACS Chem Bio* 19(3), 599-606.

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* 8(5), e0022423.

Mirhakkak MH^{*}, Chen X^{*}, Heinekamp T, Sae-Ong T, Xu LL, Ni Y, Kurzai O, Barber AE, Brakhage AA, Boutin S, Schäuble S[#], Panagiotou G[#] (2023) Genome-scale Metabolic modeling of *Aspergillus fumigatus* strains reveals growth dependencies on the lung microbiome. *Nat Commun* 14(1), 4369.

Seelbinder B[#], Lohinai Z^{*}, Vazquez-Urbe R, Brunke S, Chen X, Mirhakkak M, Lopez-Escalera S, Dome B, Megyesfalvi Z, Berta J, Galfy G, Dulka E, Wellejus A, Weiss GJ, Bauer M, Hube B, Sommer MOA, Panagiotou G (2023) *Candida* expansion in the gut of lung cancer patients associates with an ecological signature that supports growth under dysbiotic conditions. *Nat Commun* 14(1), 2673.

*equal contribution #corresponding author