

Projekta Izp-2018/1-0081 rezultāti

Trimetilamīna N-oksīds kā marķieris neveselīgai diētai un kardiometabolajiem riskiem

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS

1. Videja, M.; Vilskersts, R.; Sevostjanovs, E.; Liepinsh, E.; Dambrova, M. Data on cardiac and vascular functionality in ex vivo and in vivo models following acute administration of trimethylamine N-oxide. - Data Brief, 2023, <https://doi.org/10.1016/j.dib.2023.108890>
2. Videja, M.; Vilskersts, R.; Korzh, S.; Cirule, H.; Sevostjanovs, E.; Dambrova, M.; Makrecka-Kuka, M. Microbiota-Derived Metabolite Trimethylamine N-Oxide Protects Mitochondrial Energy Metabolism and Cardiac Functionality in a Rat Model of Right Ventricle Heart Failure. - Front. Cell Dev. Biol., 2021, <https://doi.org/10.3389/fcell.2020.622741>
3. De Bruyne, T.; Steenput, B.; Roth, L.; De Meyer, G. R. Y.; dos Santos, C. N.; Valentová, K.; Dambrova, M.; Hermans, N. Dietary Polyphenols Targeting Arterial Stiffness: Interplay of Contributing Mechanisms and Gut Microbiome-Related Metabolism. – Nutrients, 2019, 11 (3), 43, <https://doi.org/10.3390/nu11030578>
4. Videja, M.; Sevostjanovs, E.; Upmale-Engela, S.; Liepinsh, E.; Konrade, I.; Dambrova, M. Fasting-Mimicking Diet Reduces Trimethylamine N-Oxide Levels and Improves Serum Biochemical Parameters in Healthy Volunteers. – Nutrients, 2022, 14 (5), <https://doi.org/10.3390/nu14051093>
5. Kuka, J.; Videja, M.; Makrecka-Kuka, M.; Liepins, J.; Grinberga, S.; Sevostjanovs, E.; Vilks, K.; Liepinsh, E.; Dambrova, M. Metformin decreases bacterial trimethylamine production and trimethylamine N-oxide levels in db/db mice. - Sci. Rep., 2020, 10 (1), <https://doi.org/10.1038/s41598-020-71470-4>