

Publikationen 2023

1: COVID-19 Host Genetics Initiative. A second update on mapping the human genetic architecture of COVID-19. *Nature*. 2023 Sep;621(7977):E7-E26. doi: 10.1038/s41586-023-06355-3. Epub 2023 Sep 6. PMID: 37674002; PMCID: PMC10482689.

2: Capri M, Conte M, Ciurca E, Pirazzini C, Garagnani P, Santoro A, Longo F, Salvioli S, Lau P, Moeller R, Jordan J, **Illig T**, Villanueva MM, Gruber M, Bürkle A, Franceschi C, Rittweger J. Long-term human spaceflight and inflammaging: Does it promote aging? *Ageing Res Rev*. 2023 Jun;87:101909. doi:10.1016/j.arr.2023.101909. Epub 2023 Mar 12. PMID: 6918115.

3: Zhang B, Zhang Z, Koeken VACM, Kumar S, Aillaud M, Tsay HC, Liu Z, Kraft ARM, Soon CF, Odak I, Bošnjak B, Vlot A; Deutsche COVID-19 OMICS Initiative (DeCOI); Swertz MA, Ohler U, Geffers R, **Illig T**, Huehn J, Saliba AE, Sander LE, Förster R, Xu CJ, Cornberg M, Schulte LN, Li Y. Altered and allele-specific open chromatin landscape reveals epigenetic and genetic regulators of innate immunity in COVID-19. *Cell Genom*. 2023 Feb 8;3(2):100232. doi: 10.1016/j.xgen.2022.100232. Epub 2022 Dec 2. PMID: 36474914; PMCID: PMC9715265.

4: Shi Y, Strobl R, Apfelbacher C, Bahmer T, Geisler R, Heuschmann P, Horn A, Hoven H, Keil T, Krawczak M, Krist L, Lemhöfer C, Lieb W, Lorenz-Depiereux B, Mikolajczyk R, Montellano FA, Reese JP, Schreiber S, Skoetz N, Störk S, Vehreschild JJ, Witzernath M, Grill E; NAPKON Study Group. Persistent symptoms and risk factors predicting prolonged time to symptom-free after SARS-CoV-2 infection: an analysis of the baseline examination of the German COVIDOM/NAPKON-POP cohort. *Infection*. 2023 Dec;51(6):1679-1694. doi: 10.1007/s15010-023-02043-6. Epub 2023 May 25. PMID: 37231313; PMCID: PMC10212223.

5: Heyder R; NUM Coordination Office; NUKLEUS Study Group; NUM-RDP Coordination; RACOON Coordination; AKTIN Coordination; GenSurv Study Group. Das Netzwerk Universitätsmedizin: Technisch-organisatorische Ansätze für Forschungsdatenplattformen [The German Network of University Medicine: technical and organizational approaches for research data platforms]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz*. 2023 Feb;66(2):114-125. German. doi: 10.1007/s00103-022-03649-1. Epub 2023 Jan 23. PMID: 36688978; PMCID: PMC9870206.

6: Sahajpal NS, Hastie AR, Schieck M, Mondal AK, Felde M, van der Made CI, Chou JS, Randolph AG, **Illig T**, Zody MC, Brownstein CA, Beggs AH, Hoischen A, Chaubey A, Kolhe R; COVID19hostgenomesv Consortium. Genetic Predisposition to Neurological Complications in Patients with COVID-19. *Biomolecules*. 2023 Jan 9;13(1):133. doi: 10.3390/biom13010133. PMID: 36671517; PMCID: PMC9855758.

7: Wetzke M, Schütz K, Kopp MV, Seidenberg J, Vogelberg C, Ankermann T, Happle C, Voigt G, Köster H, **Illig T**, Lex C, Schuster A, Maier R, Panning M, Barten G, Rohde G, Welte T, Hansen G. Pathogen spectra in hospitalised and nonhospitalised children with community-acquired pneumonia. *ERJ Open Res*. 2023 Mar 13;9(2):00286-2022. doi: 10.1183/23120541.00286-2022. PMID: 36923566; PMCID: PMC10009707.

- 8: Geiger J, Fuchs J, Starke M, Neumann M, Baber R, Nussbeck SY, Kiehntopf M, Specht C, **Illig T**, Hummel M, Jahns R. GBA/GBN-position on the feedback of incidental findings in biobank-based research: consensus-based workflow for hospital-based biobanks. *Eur J Hum Genet.* 2023 Sep;31(9):1066-1072. doi: 10.1038/s41431-023-01299-8. Epub 2023 Feb 3. PMID: 36732662; PMCID: PMC10474025.
- 9: Akmatov MK, Beisheeva NJ, Nurmatov AZ, Gulsunai SJ, Saikal KN, Derkenbaeva AA, Abdrahmanova ZO, Prokein J, Klopp N, **Illig T**, Kasymov OT, Nurmatov ZS, Pessler F. The Changing Epidemiology of Viral Hepatitis in a Post-Soviet Country-The Case of Kyrgyzstan. *Pathogens.* 2023 Jul 28;12(8):989. doi: 10.3390/pathogens12080989. PMID: 37623949; PMCID: PMC10459745.
- 10: Stalke A, Behrendt A, Hennig F, Gohlke H, Buhl N, Reinkens T, Baumann U, Schlegelberger B, **Illig T**, Pfister ED, Skawran B. Functional characterization of novel or yet uncharacterized ATP7B missense variants detected in patients with clinical Wilson's disease. *Clin Genet.* 2023 Aug;104(2):174-185. doi: 10.1111/cge.14352. Epub 2023 May 9. PMID: 37157876.
- 11: Tilch K, Hopff SM, Appel K, Kraus M, Lorenz-Depiereux B, Pilgram L, Anton G, Berger S, Geisler R, Haas K, **Illig T**, Krefting D, Lorbeer R, Mitrov L, Muenchhoff M, Nauck M, Pley C, Reese JP, Rieg S, Scherer M, Stecher M, Stellbrink C, Valentin H, Winter C, Witzernath M, Vehreschild JJ. Ethical and coordinative challenges in setting up a national cohort study during the COVID-19 pandemic in Germany. *BMC Med Ethics.* 2023 Oct 17;24(1):84. doi: 10.1186/s12910-023-00959-0. PMID: 37848886; PMCID: PMC10583323.
- 12: Schleenvoigt BT, Ankert J, Barten-Neiner G, Voit F, Suttorp N, Boesecke C, Hoffmann C, Stolz D, Pletz MW, Rohde G, Witzernath M, Panning M, Essig A, Rupp J, Degen O, Stephan C; CAPNETZ Study Group. Pathogen spectrum of community acquired pneumonia in people living with HIV (PLWH) in the German CAPNETZ-Cohort. *Infection.* 2023 Jul 9. doi: 10.1007/s15010-023-02070-3. Epub ahead of print. PMID: 37423969.
- 13: Krefting D, Anton G, Chaplinskaya-Sobol I, Hanss S, Hoffmann W, Hopff SM, Kraus M, Lorbeer R, Lorenz-Depiereux B, **Illig T**, Schäfer C, Schaller J, Stahl D, Valentin H, Heuschmann P, Vehreschild J. The Importance of Being FAIR and FAST - The Clinical Epidemiology and Study Platform of the German Network University Medicine (NUKLEUS). *Stud Health Technol Inform.* 2023 May 18;302:93-97. doi: 10.3233/SHTI230071. PMID: 37203616.
- 14: Kopfnagel V, Klopp N, Bernemann I, Nizhegorodtseva N, Wilson R, Gronauer R, Seifert M, **Illig T**. Effects of Repeated Freeze and Thaw Cycles on the Genome-Wide DNA Methylation Profile of Isolated Genomic DNA. *Biopreserv Biobank.* 2023 Apr 18. doi: 10.1089/bio.2022.0045. Epub ahead of print. PMID: 37074140.
- 15: Kettlitz R, Harries M, Ortmann J, Krause G; MuSPAD Team; Aigner A, Lange B. Association of known SARS-CoV-2 serostatus and adherence to personal protection measures and the impact of personal protective measures on seropositivity in a population-based cross-sectional study (MuSPAD) in Germany. *BMC Public Health.* 2023 Nov 17;23(1):2281. doi: 10.1186/s12889-023-17121-5. PMID: 37978484; PMCID: PMC10657116.