

Publikationen 2023, Lehrstuhl für Epidemiologie und Präventivmedizin

(WBGU), W.B.d.B.G.U., *Gesund leben auf einer gesunden Erde*. 2023, WBGU: Berlin.

Alayash, Z., Baumeister, S.E., Holtfreter, B., Kocher, T., Baurecht, H., Ehmke, B., Reckelkamm, S.L. and Nolde, M., Inhibition of tumor necrosis factor receptor 1 and the risk of periodontitis. *Front Immunol*, 2023. 14: 1094175.

Alayash, Z., Baumeister, S.E., Reckelkamm, S.L., Holtfreter, B., Kocher, T., Baurecht, H., Ehmke, B. and Nolde, M., Association between total body bone mineral density and periodontitis: A Mendelian randomization study. *J Periodontol*, 2023. 94(6): 777-784.

Albrecht, L., Reismann, L., Leitzmann, M., Bernardi, C., von Sommoggy, J., Weber, A. and Jochem, C., Climate-specific health literacy in health professionals: an exploratory study. *Front Med (Lausanne)*, 2023. 10: 1236319.

Baumeister, S.E., Holtfreter, B., Lars Reckelkamm, S., Hagenfeld, D., Kocher, T., Alayash, Z., Ehmke, B., Baurecht, H. and Nolde, M., Effect of interleukin-17 on periodontitis development: An instrumental variable analysis. *J Periodontol*, 2023. 94(5): 616-621.

Baumeister, S.E., Holtfreter, B., Reckelkamm, S.L., Kocher, T., Alayash, Z., Ehmke, B., Baurecht, H. and Nolde, M., Genotype-driven NPC1L1 and PCSK9 inhibition and reduced risk of periodontitis. *J Clin Periodontol*, 2023. 50(1): 114-120.

Baumeister, S.E., Reckelkamm, S.L., Ehmke, B., Nolde, M. and Baurecht, H., Physical activity and the risk of periodontitis: an instrumental variable study. *Clin Oral Investig*, 2023. 27(8): 4803-4808.

Bauswein, M., Eidenschink, L., Knoll, G., Neumann, B., Angstwurm, K., Zoubaa, S., Riemenschneider, M.J., Lampl, B.M.J., Pregler, M., Niller, H.H., Jantsch, J., Gessner, A., Eberhardt, Y., Huppertz, G., Schramm, T., Kuhn, S., Koller, M., Drasch, T., Ehrl, Y., Banas, B., Offner, R., Schmidt, B. and Banas, M.C., Human Infections with Borna Disease Virus 1 (BoDV-1) Primarily Lead to Severe Encephalitis: Further Evidence from the Seroepidemiological BoSOT Study in an Endemic Region in Southern Germany. *Viruses*, 2023. 15(1).

Bickelmann, F.V., Leitzmann, M.F., Keller, M., Baurecht, H. and Jochem, C., Calcium intake in vegan and vegetarian diets: A systematic review and Meta-analysis. *Crit Rev Food Sci Nutr*, 2023. 63(31): 10659-10677.

Bohmann, P., Stein, M.J., Konzok, J., Tsoi, L.C., Elder, J.T., Leitzmann, M.F., Baumeister, S.E. and Baurecht, H., Relationship between genetically proxied vitamin D and psoriasis risk: a Mendelian randomization study. *Clin Exp Dermatol*, 2023. 48(6): 642-647.

Brunner, J., Fill Malfertheiner, S., Brandstetter, S., Seelbach-Gobel, B., Apfelbacher, C., Melter, M., Kabesch, M., Baessler, A. and Group, K.U.-K.S., Prevalences of cardiometabolic risk and lifestyle factors in young parents: evidence from a German birth cohort study. *BMC Cardiovasc Disord*, 2022. 22(1): 469.

Budu-Aggrey, A., Kilanowski, A., Sobczyk, M.K., andMe Research, T., Shringarpure, S.S., Mitchell, R., Reis, K., Reigo, A., Estonian Biobank Research, T., Magi, R., Nelis, M., Tanaka, N., Brumpton, B.M., Thomas, L.F., Sole-Navais, P., Flatley, C., Espuela-Ortiz, A., Herrera-Luis, E., Lominchar, J.V.T., Bork-Jensen, J., Marenholz, I., Arnau-Soler, A., Jeong, A., Fawcett, K.A., Baurecht, H., Rodriguez, E., Alves, A.C., Kumar, A., Sleiman, P.M., Chang, X., Medina-Gomez, C., Hu, C., Xu, C.J., Qi, C., El-Heis, S., Titcombe, P., Antoun, E., Fadista, J., Wang, C.A., Thiering, E., Wu, B., Kress, S., Kothalawala, D.M., Kadalayil, L., Duan, J., Zhang, H., Hadebe, S., Hoffmann, T., Jorgenson, E., Choquet, H., Risch, N., Njolstad, P., Andreassen, O.A., Johansson, S., Almqvist, C., Gong, T., Ullemer, V., Karlsson, R., Magnusson, P.K.E., Sz wajda, A., Burchard, E.G., Thyssen, J.P., Hansen, T., Karhus, L.L., Dantoft, T.M., Jeanrenaud, A., Ghauri, A., Arnold, A., Homuth, G., Lau, S., Nothen, M.M., Hubner, N., Imboden, M., Visconti, A., Falchi, M., Bataille, V., Hysi, P., Ballardini, N., Boomsma, D.I., Hottenga, J.J., Muller-Nurasyid, M., Ahluwalia, T.S., Stockholm, J., Chawes, B., Schoos, A.M., Esplugues, A., Bustamante, M., Raby, B., Arshad, S., German, C., Esko, T., Milani, L.A., Metspalu, A., Terao, C., Abuabara, K., Loset, M., Hveem, K., Jacobsson, B., Pino-Yanes, M., Strachan, D.P., Grarup, N., Linneberg, A., Lee, Y.A., Probst-Hensch, N., Weidinger, S., Jarvelin, M.R., Melen, E., Hakonarson, H., Irvine, A.D., Jarvis, D., Nijsten, T., Duijts, L., Vonk, J.M., Koppelman, G.H., Godfrey, K.M., Barton, S.J., Feenstra, B., Pennell, C.E., Sly, P.D., Holt, P.G., Williams, L.K., Bisgaard, H., Bonnelykke, K., Curtin, J., Simpson, A., Murray, C., Schikowski, T., Bunyavanich, S., Weiss, S.T., Holloway, J.W., Min, J.L., Brown, S.J., Standl, M. and Paternoster, L., European and multi-ancestry genome-wide association meta-analysis of atopic dermatitis highlights importance of systemic immune regulation. *Nat Commun*, 2023. 14(1): 6172.

Eidenschink, L., Knoll, G., Tappe, D., Offner, R., Drasch, T., Ehrl, Y., Banas, B., Banas, M.C., Niller, H.H., Gessner, A., Kostler, J., Lampl, B.M.J., Pregler, M., Volkl, M., Kunkel, J., Neumann, B., Angstwurm, K., Schmidt, B. and Bauswein, M., IFN-gamma-Based ELISpot as a New Tool to Detect Human Infections with Borna Disease Virus 1 (BoDV-1): A Pilot Study. *Viruses*, 2023. 15(1).

Gaertner, V.D., Malfertheiner, S.F., Postpischil, J., Brandstetter, S., Seelbach-Gobel, B., Apfelbacher, C., Melter, M., Kabesch, M., group, K.U.-K.s. and Kerzel, S., Implementation of safe infant sleep recommendations during night-time sleep in the first year of life in a German birth cohort. *Sci Rep*, 2023. 13(1): 875.

Geigl, C., Loss, J., Leitzmann, M. and Janssen, C., Social factors of health-related quality of life in older adults: a multivariable analysis. *Qual Life Res*, 2023. 32(11): 3257-3268.

Giglberger, M., Peter, H.L., Henze, G.I., Kraus, E., Bartl, C., Konzok, J., Kreuzpointner, L., Kirsch, P., Kudielka, B.M. and Wust, S., Neural responses to acute stress predict chronic stress perception in daily life over 13 months. *Sci Rep*, 2023. 13(1): 19990.

Haedekamp, T.M., Leitzmann, M.F., Linker, R.A., Meier, C., Becker, C., Jick, S., Hau, P. and Seliger, C., Antimicrobial drug use and the risk of glioma: A case-control study. *Cancer Med*, 2023. 12(3): 3684-3695.

Heinrich, M., Hofmann, L., Baurecht, H., Kreuzer, P.M., Knuttel, H., Leitzmann, M.F. and Seliger, C., Author Correction: Suicide risk and mortality among patients with cancer. *Nat Med*, 2023. 29(12): 3268.

Henze, G.I., Konzok, J., Kudielka, B.M., Wust, S., Nichols, T.E. and Kreuzpointner, L., Associations between cortisol stress responses and limbic volume and thickness in young adults: An exploratory study. *Eur J Neurosci*, 2023. 58(9): 3962-3980.

Henze, G.I., Rosenbaum, D., Bartl, C., Laicher, H., Konzok, J., Kudielka, B.M., Fallgatter, A.J., Wust, S., Ehlis, A.C. and Kreuzpointner, L., Comparing two psychosocial stress paradigms for imaging environments - ScanSTRESS and fNIRS-TSST: Correlation structures between stress responses. *Behav Brain Res*, 2023. 436: 114080.

Heudobler, M., Baurecht, H., Schmied, H., Heudobler, D., Jochem, C., Sedlmeier, A.M., Weber, A., Bauernfeind, S., Leitzmann, M., Salzberger, B. and Lampl, B.M.J., Association of epidemiological and clinical features with PCR cycle threshold values of SARS-CoV-2 infection: a cross-sectional study. *Pathog Glob Health*, 2023. 117(5): 476-484.

Hofmann, L., Heinrich, M., Baurecht, H., Langguth, B., Kreuzer, P.M., Knüttel, H., Leitzmann, M.F. and Seliger, C., Suicide Mortality Risk among Patients with Lung Cancer-A Systematic Review and Meta-Analysis. *Int J Environ Res Public Health*, 2023. 20(5).

Huemer, M.T., Kluttig, A., Fischer, B., Ahrens, W., Castell, S., Ebert, N., Gastell, S., Jockel, K.H., Kaaks, R., Karch, A., Keil, T., Kemmling, Y., Krist, L., Leitzmann, M., Lieb, W., Meinke-Franze, C., Michels, K.B., Mikolajczyk, R., Moreno Velasquez, I., Pischon, T., Schipf, S., Schmidt, B., Schottker, B., Schulze, M.B., Stocker, H., Teismann, H., Wirkner, K., Drey, M., Peters, A. and Thorand, B., Grip strength values and cut-off points based on over 200,000 adults of the German National Cohort - a comparison to the EWGSOP2 cut-off points. *Age Ageing*, 2023. 52(1).

Jochem, C. and Leitzmann, M., A call for integrating active transportation into physical activity and sedentary behaviour guidelines. *Lancet Planet Health*, 2023. 7(2): e112-e113.

Jochem, C., von Sommoggy, J., Hornidge, A.K., Schwienhorst-Stich, E.M. and Apfelbacher, C., Planetary health literacy: A conceptual model. *Front Public Health*, 2022. 10: 980779.

Kasper, M., Bickelmann, F., Leitzmann, M. and Jochem, C., Vegetarian diets and global disparities in calcium intake in pregnant women: A systematic review and meta-analysis. *Reproductive, Female and Child Health*, 2023(2023): 1-9.

Katsimpris, A., Baumeister, S.E., Baurecht, H., Tatham, A.J. and Nolde, M., Cannabis use and the risk of primary open-angle glaucoma: a Mendelian randomization study. *Sci Rep*, 2023. 13(1): 19605.

Kenkhuis, M.F., Klingestijn, M., Fanshawe, A.M., Breukink, S.O., Janssen-Heijnen, M.L.G., Keulen, E.T.P., Rinaldi, S., Vineis, P., Gunter, M.J., Leitzmann, M.F., Scalbert, A., Weijenberg, M.P., Bours, M.J.L. and van Roekel, E.H., Longitudinal associations of sedentary behavior and physical activity with body composition in colorectal cancer survivors up to 2 years post treatment. *J Cancer Res Clin Oncol*, 2023. 149(7): 4063-4075.

Konzok, J., Baumeister, S.E., Winkler, T.W., Leitzmann, M.F. and Baurecht, H., Effect of 25-hydroxyvitamin D levels on the internalising dimension as a transdiagnostic risk factor: Mendelian randomisation study. *Br J Psychiatry*, 2023. 222(6): 257-263.

Koschig, M., Conrad, I., Berger, K., Baune, B.T., Grabe, H.J., Gerstorf, D., Meinke-Franze, C., Volzke, H., Mikolajczyk, R., Leitzmann, M., Fricke, J., Keil, T., Koch-Gallenkamp, L., Perna, L., Obi, N., Pabst, A. and Riedel-Heller, S.G., The mediating role of personality traits in the association between childhood trauma and depressive symptoms in young adulthood. *J Affect Disord*, 2023. 338: 373-379.

Lampl, B.M.J., Edenharter, B., Leitzmann, M.F. and Salzberger, B., COVID-19-related deaths: a 2-year inter-wave comparison of mortality data from Germany. *Infection*, 2023. 51(4): 1147-1152.

Lampl, B.M.J., Leitzmann, M.F. and Salzberger, B., Prevalence of Post-COVID-19 Conditions Depends on the Method of Assessment. *J Infect Dis*, 2023. 227(2): 306.

Lampl, B.M.J., Schoberl, P., Atzenbeck, N., Erdl, M., Dillitzer, N., Wallbrecher, J., Weigl, M., Sauer, M., Kheiroddin, P., Niggel, J., Mauerer, R., Ambrosch, A. and Kabesch, M., Effects of infection control measures towards preventing SARS-CoV-2 outbreaks in a German choir boarding school from March 2020 to April 2022. *Front Pediatr*, 2023. 11: 1215678.

Langguth, B., Bulla, J., Fischer, B., Baurecht, H., Schecklmann, M., Marcrum, S.C. and Vielsmeier, V., Tinnitus Is Marginally Associated with Body Mass Index, Heart Rate and Arterial Blood Pressure: Results from a Large Clinical Sample. *J Clin Med*, 2023. 12(9).

Nolde, M., Alayash, Z., Reckelkamm, S.L., Kocher, T., Ehmke, B., Holtfreter, B., Baurecht, H., Georgakis, M.K. and Baumeister, S.E., Downregulation of interleukin 6 signaling might reduce the risk of periodontitis: a drug target Mendelian randomization study. *Front Immunol*, 2023. 14: 1160148.

Noscher, P., Weber, A., Leitzmann, M., Grifka, J. and Jochem, C., [Work-related sedentary behavior]. *Zentralbl Arbeitsmed Arbeitsschutz Ergon*, 2023. 73(1): 39-47.

Pawellek, M., Koninger, A., Melter, M., Kabesch, M., Apfelbacher, C., Brandstetter, S. and group, K.U.-K.s., Early childhood allergy prevention behaviors: Trends in Germany from 2015 to 2020. *Pediatr Allergy Immunol*, 2023. 34(4): e13948.

Recalde, M., Pistillo, A., Davila-Batista, V., Leitzmann, M., Romieu, I., Viallon, V., Freisling, H. and Duarte-Salles, T., Longitudinal body mass index and cancer risk: a cohort study of 2.6 million Catalan adults. *Nat Commun*, 2023. 14(1): 3816.

Renner, B., Buyken, A.E., Gedrich, K., Lorkowski, S., Watzl, B., Linseisen, J., Daniel, H. and working group "Personalized Nutrition" of the German Nutrition, S., Perspective: A Conceptual Framework for Adaptive Personalized Nutrition Advice Systems (APNASs). *Adv Nutr*, 2023. 14(5): 983-994.

Sauter, A., Linder, S., Abu-Omar, K., Sommer, R. and Herrmann-Johns, A., Resilient communities? A qualitative interview study on sustaining a community project for health promotion among socially disadvantaged women during the first two years of the COVID-19 pandemic. *BMC Public Health*, 2023. 23(1): 1654.

Scherm, A., Ippen, F.M., Hau, P., Baurecht, H., Wick, W., Gempt, J., Knuttel, H., Leitzmann, M.F. and Seliger, C., Targeted therapies in patients with newly diagnosed glioblastoma-A systematic meta-analysis of randomized clinical trials. *Int J Cancer*, 2023. 152(11): 2373-2382.

Schultz, E.B., Zubac, D., Bloch, W., Baurecht, H., Rickert, J. and Baumann, F.T., Moderate Intensity Exercise Reduces Side Effects of Cancer Therapy and Maintains Cardiorespiratory Fitness in Male Breast Cancer Patients: Findings from the BRECA Male Crossover Study. *Breast Care (Basel)*, 2023. 18(6): 483-492.

Sedlmeier, A.M., Viallon, V., Ferrari, P., Peruchet-Noray, L., Fontvieille, E., Amadou, A., Seyed Khoei, N., Weber, A., Baurecht, H., Heath, A.K., Tsilidis, K., Kaaks, R., Katzke, V., Inan-Eroglu, E., Schulze, M.B., Overvad, K., Bonet, C., Ubago-Guisado, E., Chirlaque, M.D., Ardanaz, E., Perez-Cornago, A., Pala, V., Tumino, R., Sacerdote, C., Pasanisi, F., Borch, K.B., Rylander, C., Weiderpass, E., Gunter, M.J., Fervers, B., Leitzmann, M.F. and Freisling, H., Body shape phenotypes of multiple anthropometric traits and cancer risk: a multi-national cohort study. *Br J Cancer*, 2023. 128(4): 594-605.

Stein, M.J., Baurecht, H., Sedlmeier, A.M., Konzok, J., Bohmann, P., Fontvieille, E., Peruchet-Noray, L., Bowden, J., Friedenreich, C.M., Fervers, B., Ferrari, P., Gunter, M.J., Freisling, H., Leitzmann, M.F., Viallon, V. and Weber, A., Association between circadian physical activity patterns and mortality in the UK Biobank. *Int J Behav Nutr Phys Act*, 2023. 20(1): 102.

Streit, F., Volker, M.P., Klinger-Konig, J., Zillich, L., Frank, J., Reinhard, I., Foo, J.C., Witt, S.H., Sirignano, L., Becher, H., Obi, N., Riedel, O., Do, S., Castell, S., Hassenstein, M.J., Karch, A., Stang, A., Schmidt, B., Schikowski, T., Stahl-Pehe, A., Brenner, H., Perna, L., Greiser, K.H., Kaaks, R., Michels, K.B., Franzke, C.W., Peters, A., Fischer, B., Konzok, J., Mikolajczyk, R., Fuhrer, A., Keil, T., Fricke, J., Willich, S.N., Pischon, T., Volzke, H., Meinke-Franze, C., Loeffler, M., Wirkner, K., Berger, K., Grabe, H.J. and Rietschel, M., The interplay of family history of depression and early trauma: associations with lifetime and current depression in the German national cohort (NAKO). *Front Epidemiol*, 2023. 3: 1099235.

Streit, F., Zillich, L., Frank, J., Kleineidam, L., Wagner, M., Baune, B.T., Klinger-Konig, J., Grabe, H.J., Pabst, A., Riedel-Heller, S.G., Schmiedek, F., Schmidt, B., Erhardt, A., Deckert, J., Investigators, N., Rietschel, M. and Berger, K., Lifetime and current depression in the German National Cohort (NAKO). *World J Biol Psychiatry*, 2022: 1-16.

Strobl, H., Herrmann-Johns, A., Loss, J., Hable, R. and Tittlbach, S., A Person-Centered Perspective on Physical Activity-Related Barriers Perceived by Male Fluctuators 50 Plus: A Cross-Sectional Study. *Am J Mens Health*, 2023. 17(5): 15579883231193915.

van Roekel, E.H., Bours, M.J.L., Breukink, S.O., Aquarius, M., Keulen, E.T.P., Gicquiau, A., Rinaldi, S., Vineis, P., Arts, I.C.W., Gunter, M.J., Leitzmann, M.F., Scalbert, A. and Weijenberg, M.P., Longitudinal associations of plasma metabolites with persistent fatigue among colorectal cancer survivors up to 2 years after treatment. *Int J Cancer*, 2023. 152(2): 214-226.

Vonneilich, N., Becher, H., Bohn, B., Brandes, B., Castell, S., Deckert, A., Dragano, N., Franzke, C.W., Fuhrer, A., Gastell, S., Greiser, H., Keil, T., Klett-Tammen, C., Koch-Gallenkamp, L., Krist, L., Leitzmann, M., Meinke-Franze, C., Mikolajczyk, R., Moreno Velasquez, I., Obi, N., Peters, A., Pischon, T., Reuter, M., Schikowski, T., Schmidt, B., Schulze, M., Sergeev, D., Stang, A., Volzke, H., Wiessner, C., Zeeb, H., Ludecke, D. and von dem Knesebeck, O., Associations of Migration, Socioeconomic Position and

Social Relations With Depressive Symptoms - Analyses of the German National Cohort Baseline Data. *Int J Public Health*, 2023. 68: 1606097.

Waller, A., Hullick, C., Sanson-Fisher, R. and Herrmann-Johns, A., Optimal care of people with brain cancer in the emergency department: A cross-sectional survey of outpatient perceptions. *Asia Pac J Oncol Nurs*, 2023. 10(3): 100194.

Weber, A., Kroiss, K., Reismann, L., Jansen, P., Hirschfelder, G., Sedlmeier, A.M., Stein, M.J., Bohmann, P., Leitzmann, M.F. and Jochem, C., Health-Promoting and Sustainable Behavior in University Students in Germany: A Cross-Sectional Study. *Int J Environ Res Public Health*, 2023. 20(7).