

## Karl-Heinz Wagner, Publications of the last 5 years (2019-2023)

Quality assured publications, ISI Journals, TOP=Q1, H-Index: 61 ID: [orcid.org/0000-0002-1683-7265](https://orcid.org/0000-0002-1683-7265)

2023 IF= 125.25

1. Bragagna L, Polak C, Schütz L, Maqboul L, Klammer C, Feldbauer R, Draxler A, Clodi M, **Wagner KH**. Effect of Repeated Bolus and Continuous Glucose Infusion on DNA Damage and Oxidative Stress Biomarkers in Healthy Male Volunteers. *Int J Mol Sci*. 2023 Sep 2;24(17):13608. doi: 10.3390/ijms241713608. IF=5.6, Q1
2. Cordova R, Viallon V, Fontvieille E, Peruchet-Noray L, Jansana A, **Wagner KH**,..., Freisling H. Consumption of ultra-processed foods and risk of multimorbidity of cancer and cardiometabolic diseases: a multinational cohort study. *Lancet Reg. Health Europ*. 2023 Nov 14;35:100771 DOI:[doi.org/10.1016/j.lanepe.2023.100771](https://doi.org/10.1016/j.lanepe.2023.100771), IF=20.9, Q1
3. Draxler A, Franzke B, Kelecevic S, Maier A, Pantic J, Srienc S, Cellnigg K, Solomon SM, Zötsch C, Aschauer R, Unterberger S, Zöhrer PA, Bragagna L, Strasser EM, Wessner B, **Wagner KH**. The influence of vitamin D supplementation and strength training on health biomarkers and chromosomal damage in community-dwelling older adults. *Redox Biol*. 2023 May;61:102640.doi:10.1016/j.redox.2023.102640. IF=10.787, Q1
4. Draxler A, Blaschke A, Binar J, Weber M, Haslacher M, Bartak V, Bragagna L, Mare G, Magboul L, Klapp R, Herzog T, Széll M, Petrerá A, Laky B, **Wagner K-H**, Thell R. Age-related influence on DNA damage, proteomic inflammatory markers and oxidative stress in hospitalized COVID-19 patients compared to healthy controls. *Redox Biology*;67:102914. IF=10.787, Q1
5. Knaze V, Freisling H, Cook P, Heise K, Acevedo J, Cikutovic M, **Wagner KH**, Marculescu R, Ferreccio C, Herrero R, Park JY. Association between salt intake and gastric atrophy by *Helicobacter pylori* infection: first results from the Epidemiological Investigation of Gastric Malignancy (ENIGMA). *Eur J Nutr*. 2023 Mar 24. doi: 10.1007/s00394-023-03132-w. IF=4.865, Q1
6. Unterberger S, Aschauer R, Zöhrer PA, Draxler A, Aschauer M, Kager M, Franzke B, Strasser EM, **Wagner KH**, Wessner B. Association of Bioelectrical Impedance Phase Angle with Physical Performance and Nutrient Intake of Older Adults. *Nutrients* 2023, 15(6), 1458; doi.org/10.3390/nu15061458, IF=6.706, Q1
7. Wirnitzer KC, Motevalli M, Cocca A, Tanous DR, Wirnitzer G, **Wagner KH**, Schätzer M, Drenowatz C, Ruedl G, Kirschner W. Health behavior of Austrian tertiary students focusing on diet type to sports and exercise-first glimpse of results from the "sustainably healthy-from science 2 high school and university" study. *Front Public Health*. 2023 Jul 18;11:1129004. doi: 10.3389/fpubh.2023.1129004. IF=5.2, Q1
8. Wirnitzer KC, Motevalli M, Tanous DR, Wirnitzer G, **Wagner KH**, Schätzer M, Drenowatz C, Cocca A, Ruedl G, Kirschner W. A glimpse of academic staff health behavior on diet type and physical activity at Austrian universities: first findings from the "Sustainably Healthy - From Science 2 Highschool & University" study. *Front Public Health*. 2023 Jul 6;11:1194602. doi: 10.3389/fpubh.2023.1194602. IF=5.2, Q1

9. Wirnitzer K, Tanous D, Motevalli M, **Wagner KH**, Raschner C, Wirnitzer G, Leitzmann C, Rosemann T, Knechtle B. Racing Experiences of Recreational Distance Runners following Omnivorous, Vegetarian, and Vegan Diets (Part B)-Results from the NURMI Study (Step 2). *Nutrients*. 2023 May 9;15(10):2243. doi: 10.3390/nu15102243. IF=6.706, Q1

10. Wirnitzer K, Tanous D, Motevalli M, Raschner C, **Wagner KH**, Wirnitzer G, Leitzmann C, Rosemann T, Knechtle B. Training Behaviors and Periodization Outline of Omnivorous, Vegetarian, and Vegan Recreational Runners (Part A)-Results from the NURMI Study (Step 2). *Nutrients*. 2023 Mar 17;15(6):1458. doi: 10.3390/nu15061458. IF=5.719, Q1  
Bürger B, Schindler K, Tripolt T, Griesbacher A, Stüger HP, **Wagner KH**, Weber A, Wolf-Spitzer A. Factors Associated with (Exclusive) Breastfeeding Duration-Results of the SUKIE-Study. *Nutrients*. 2022 Apr 20;14(9):1704. doi: 10.3390/nu14091704. IF=6.706, Q1

Brandt A, Baumann A, Hernandez- Arriagab A, Jung F, Nier A, Staltner R, Rajcica D, Schmeer C, Witte OW, Wessner B, Franzke B, **Wagner KH**, Camarinha-Silva A, Bergheim I. Impairments of intestinal arginine and NO metabolisms trigger aging-associated intestinal barrier dysfunction and `inflammaging´. *Redox Biology*. 2022 102528. doi.org/10.1016/j.redox.2022.102528. IF=10.78, Q1

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11. Bürger B, Schindler K, Tripolt T, Griesbacher A, Stüger HP, **Wagner KH**, Weber A, Wolf-Spitzer A. Factors Associated with (Exclusive) Breastfeeding Duration-Results of the SUKIE-Study. *Nutrients*. 2022 Apr 20;14(9):1704. doi: 10.3390/nu14091704. IF=6.706, Q1

12. Brandt A, Baumann A, Hernandez- Arriagab A, Jung F, Nier A, Staltner R, Rajcica D, Schmeer C, Witte OW, Wessner B, Franzke B, **Wagner KH**, Camarinha-Silva A, Bergheim I. Impairments of intestinal arginine and NO metabolisms trigger aging-associated intestinal barrier dysfunction and `inflammaging´. *Redox Biology*. 2022 102528. doi.org/10.1016/j.redox.2022.102528. IF=10.78, Q1

13. Córdova R, Mayén AL, Knaze V, Aglago EK, Schalkwijk C, **Wagner KH**, Overvad K, Tjønneland A, Kyrø C, Katzke VA, Cornet CL, Schulze MB, Birukov A, Palli D, Gioni S4, Pasanisi F, Catalano A, Sandanger TM, Gram IT, Skeie G, Crous-Bou M, Molina-Montes E, Amiano P, Colorado-Yohar SM, Ardanaz E, Drake I, Manjer J, Johansson I, Esberg A, Perez-Cornago A, Weiderpass E, Jenab M, Freisling H. Dietary intake of advanced glycation endproducts (AGEs) and cancer risk across more than 20 anatomical sites: A multinational cohort study. *Cancer Commun (Lond)*. 2022 Oct;42(10):1041-1045. doi: 10.1002/cac2.12343. IF=15.283, Q1

14. Franzke B, Bileck A, Unterberger S, Aschauer R, Zöhrer PA, Draxler A, Strasser EM, Wessner B, Gerner C, **Wagner KH**. The plasma proteome is favorably modified by a high protein diet but not by additional resistance training in older adults: A 17-week randomized controlled trial. *Front Nutr*. 2022 Aug 5;9:925450. doi: 10.3389/fnut.2022.925450. IF=6.590, Q1

15. Motevalli M, **Wagner KH**, Leitzmann C, Tanous D, Wirnitzer G, Knechtle B, Wirnitzer K. Female Endurance Runners Have a Healthier Diet than Males-Results from the NURMI Study (Step 2). *Nutrients*. 2022 Jun 22;14(13):2590. doi: 10.3390/nu14132590. IF=6.706, Q1

16. Raubenheimer K, Liu AH, Koch H, Bosio E, Bondonno NP, Matthews V, Sim M, Blekkenhorst L, Woodman RJ, Murray K, Croft K, Neubauer O, Hodgson JM, Bondonno CP. Increased nitrate intake from beetroot juice does not alter soluble cellular adhesion molecules and circulating inflammatory cytokines in individuals with treated hypertension: a randomised, controlled trial. *Food Funct.* 2022 Nov 11. doi: 10.1039/d2fo02403a. IF=6.317, Q1
17. Seyed Khoei N, **Wagner KH**, Sedlmeier AM, Gunter MJ, Murphy N, Freisling H. Bilirubin as an indicator of cardiometabolic health: a cross-sectional analysis in the UK Biobank. *Cardiovasc Diabetol.* 2022 Apr 18;21(1):54. doi: 10.1186/s12933-022-01484-x. IF=9.951, Q1
18. Siutz C, Nemeth M, Quint R, **Wagner KH**, Millesi E. PUFA Changes in White Adipose Tissue during Hibernation in Common Hamsters. *Physiol Biochem Zool.* 2022 Nov-Dec;95(6):525-535. doi: 10.1086/721444. IF=2.247, Q1
19. Strasser EM, Franzke B, Hofmann M, Schober-Halper B, Oesen S, Jandrasits W, Graf A, Ploder M, Bachl N, Quittan M, **Wagner KH**, Wessner B. Resistance training with or without nutritional supplementation showed no influence on muscle thickness in old institutionalized adults. A secondary analysis of the Vienna Active Ageing Study. *Eur J Phys Rehabil Med.* 2022 May 16. doi: 10.23736/S1973-9087.22.06436-X. IF=5.313, Q1
20. Tanous D, **Wagner KH**, Leitzmann C, Motevalli M, Wirtzner G, Rosemann T, Knechtle B, Wirtzner K. Dietary Intake of Recreational Endurance Runners Associated with Race Distance-Results from the NURMI Study (Step 2). *Nutrients.* 2022 Sep 7;14(18):3698. doi: 10.3390/nu14183698. IF=6.706, Q1
21. Tribolet P, Kaegi-Braun N, Gressies C, Baumgartner A, **Wagner KH**, Stanga Z, Schuetz P. Handgrip Strength Values Depend on Tumor Entity and Predict 180-Day Mortality in Malnourished Cancer Patients. *Nutrients.* 2022 May 23;14(10):2173. doi: 10.3390/nu14102173. IF=6.706, Q1
22. Unterberger S, Aschauer R, Zöhrer PA, Draxler A, Franzke B, Strasser EM, **Wagner KH**, Wessner B. Effects of an increased habitual dietary protein intake followed by resistance training on fitness, muscle quality and body composition of seniors: A randomised controlled trial. *Clin Nutr.* 2022 May;41(5):1034-1045. doi: 10.1016/j.clnu.2022.02.017. IF4.614=7.643, Q1
23. Vidimce J, Pillay J, Ronda O, Boon AC, Pennell E, Ashton KJ, van Dijk TH, **Wagner KH**, Verkade HJ, Bulmer AC. Sexual dimorphism: increased sterol excretion leads to hypocholesterolaemia in female hyperbilirubinaemic Gunn rats. *J Physiol.* 2022 Apr;600(8):1889-1911. doi: 10.1113/JP282395. IF=6.228, Q1
24. Wirtzner K, **Wagner KH**, Motevalli M, Tanous D, Wirtzner G, Leitzmann C, Rosemann T, Knechtle B. Dietary Intake of Vegan and Non-Vegan Endurance Runners-Results from the NURMI Study (Step 2). *Nutrients.* 2022 Jul 30;14(15):3151. doi: 10.3390/nu14153151. IF=6.706, Q1
25. Wirtzner KC, Motevalli M, Tanous DR, Wirtzner G, **Wagner KH**, Cocca A, Schätzer M, Kirschner W, Drenowatz C, Ruedl G. Study Protocol of "Sustainably Healthy-From Science 2 Highschool & University"-Prevalence of Mixed, Vegetarian, and Vegan Diets Linked to Sports & Exercise among Austrian Tertiary Students and Lecturers/Academic Staff. *Int J Environ Res Public Health.* 2022 Nov 19;19(22):15313. doi: 10.3390/ijerph192215313. IF=4.614, Q1

**2021– IF= 135.50**

26. Aschauer R, Unterberger S, Zöhrer PA, Draxler A, Franzke B, Strasser EM, **Wagner KH**, Wessner B. Effects of Vitamin D3 Supplementation and Resistance Training on 25-Hydroxyvitamin D Status and Functional Performance of Older Adults: A Randomized Placebo-Controlled Trial. *Nutrients*. 2021 Dec 26;14(1):86. doi: 10.3390/nu14010086. IF=6.706, Q1
27. Bürger B, Schindler K, Tripolt T, Stüger HP, **Wagner KH**, Weber A, Wolf-Spitzer A. Breastfeeding Prevalence in Austria according to the WHO IYCF Indicators-The SUKIE-Study. *Nutrients*. 2021 Jun 19;13(6):2096. doi: 10.3390/nu13062096. IF=6.706, Q1
28. Cordova R, Kliemann N, Huybrechts I, Rauber F, Vamos EP, Levy RB, **Wagner KH**, Viallon V, Casagrande C, Nicolas G, Dahm CC, Zhang J, Halkjær J, Tjønneland A, Boutron-Ruault MC, Mancini FR, Laouali N, Katzke V, Srour B, Jannasch F, Schulze MB, Masala G, Grioni S, Panico S, van der Schouw YT, Derksen JWG, Rylander C, Skeie G, Jakszyn P, Rodriguez-Barranco M, Huerta JM, Barricarte A, Brunkwall L, Ramne S, Bodén S, Perez-Cornago A, Heath AK, Vineis P, Weiderpass E, Monteiro CA, Gunter MJ, Millett C, Freisling H. Consumption of ultra-processed foods associated with weight gain and obesity in adults: A multi-national cohort study. *Clin Nutr*. 2021 Aug 21;40(9):5079-5088. doi: 10.1016/j.clnu.2021.08.009. IF=7.643, Q1
29. Draxler A, Franzke B, Cortolezis JT, Gillies NA, Unterberger S, Aschauer R, Zöhrer PA, Bragagna L, Kodnar J, Strasser EM, Neubauer O, ..., Wessner B, Cameron-Smith D, **Wagner KH**. The effect of elevated protein intake on dna damage in older people: Comparative secondary analysis of two randomized controlled trials. *Nutrients*, 2021, 13(10), 3479. IF=6.706, Q1
30. Fenech M, Knasüller S, Knudsen LE, Kirsch-Volders M, Deo P, Franzle B, Stopper H,.. **Wagner KH**, Bonassi S. "Micronuclei and Disease" special issue: Aims, scope, and synthesis of outcomes. *Mutation Research - Reviews in Mutation Research*, 2021, 788, 108384. IF=7.015, Q1
31. Gathercole JL, Grosvenor AJ, Lee E, Thomas A, Mitchell CJ, Zeng N, D'Souza RF, Ramzan F, Sharma P, Knowles SO, Roy NC, Sjödin A, **Wagner KH**, Milan AM, Mitchell SM, Cameron-Smith D. Analysis of Human Faecal Host Proteins: Responsiveness to 10-Week Dietary Intervention Modifying Dietary Protein Intake in Elderly Males. *Front Nutr*. 2021 Jan 13;7:595905. doi: 10.3389/fnut.2020.595905. IF=6.590, Q1
32. Gillies NA, Milan AM, Chia PHP, Sharma P, Mitchell SM, Zeng N, Ramzan F, D'Souza RF, Mitchell CJ, Knowles SO, Andraos S, Sjödin A, **Wagner KH**, Roy NC, Cameron-Smith D. Responsiveness of one-carbon metabolites to a high-protein diet in older men: Results from a 10-wk randomized controlled trial. *Nutrition*. 2021 Mar 6;89:111231. doi: 10.1016/j.nut.2021.111231. IF=4.893, Q1
33. Gillies NA, Franzke B, Wessner B, Schober-Halper B, Hofmann M, Oesen S, Tosevska A, Strasser EM, Roy NC, Milan AM, Cameron-Smith D, **Wagner KH**. Nutritional supplementation alters associations between one-carbon metabolites and cardiometabolic risk profiles in older adults: a secondary analysis of the Vienna Active Ageing Study. *Eur J Nutr*. 2021 Jul 8. doi: 10.1007/s00394-021-02607-y. IF=4.856, Q1

34. Hana CA, Klebermass EM, Balber T, Mitterhauser M, Quint R, Hirtl Y, Klimpke A, Somloi S, Hutz J, Sperr E, Eder P, Jašprová J, Valášková P, Vitek L, Heiss E, **Wagner KH**. Inhibition of Lipid Accumulation in Skeletal Muscle and Liver Cells: A Protective Mechanism of Bilirubin Against Diabetes Mellitus Type 2. *Front Pharmacol*. 2021 Jan 25;11:636533. doi: 10.3389/fphar.2020.636533. IF=5.988, Q1
35. Hana CA, Tran LV, Mölzer C, Müllner E, Hörmann-Wallner M, Franzke B, Tosevska A, Zöhrer PA, Doberer D, Marculescu R, Bulmer AC, Freisling H, Moazzami AA, **Wagner K-H**. Serum metabolomics analysis reveals increased lipid catabolism in mildly hyperbilirubinemic Gilbert's syndrome individuals. *Metabolism*. 2021 Dec;125:154913. doi: 10.1016/j.metabol.2021.154913. IF=13.934, Q1
36. Krasniqi A, Boshnjaku A, **Wagner KH**, Wessner B. Association between Polymorphisms in Vitamin D Pathway-Related Genes, Vitamin D Status, Muscle Mass and Function: A Systematic Review. *Nutrients* 2021, 13(9), 3109; <https://doi.org/10.3390/nu13093109>. IF=6.706, Q1
37. Mayén AL, Aglago EK, Knaze V, Cordova R, Schalkwijk CG, **Wagner KH**, Aleksandrova K, Fedirko V, Keski-Rahkonen P, Leitzmann MF, Katzke V, Srour B, Schulze MB, Masala G, Krogh V, Panico S, Tumino R, Bueno-de-Mesquita B, Brustad M, Agudo A, Chirlaque López MD, Amiano P, Ohlsson B, Ramne S, Aune D, Weiderpass E, Jenab M, Freisling H. Dietary intake of advanced glycation endproducts and risk of hepatobiliary cancers: A multinational cohort study. *Int J Cancer*. 2021 Apr 25. doi: 10.1002/ijc.33612. IF=7.643, Q1
38. Milić M, Ceppi, M, Bruzzone M, ..., **Wagner KH**, Živković L, Dušinská M, Collins AR, Bonassi S. The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. *Mutation Research - Reviews in Mutation Research*, 2021, 787, 108367. IF=7.015, Q1
39. Seyed Khoei N, Carreras-Torres R, Murphy N, Gunter MJ, Brennan P, Smith-Byrne K, Mariosa D, Mckay J, O'Mara TA, Jarrett R, Hjalgrim H, Smedby KE, Cozen W, Onel K, Diepstra A, **Wagner KH**, Freisling H. Genetically Raised Circulating Bilirubin Levels and Risk of Ten Cancers: A Mendelian Randomization Study. *Cells*. 2021 Feb 15;10(2):394. doi: 10.3390/cells10020394. IF=7.666, Q1
40. Seyed Khoei N, **Wagner KH**, Carreras-Torres R, Gunter MJ, Murphy N, Freisling H. Associations between Prediagnostic Circulating Bilirubin Levels and Risk of Gastrointestinal Cancers in the UK Biobank. *Cancers (Basel)*. 2021 Jun 1;13(11):2749. doi: 10.3390/cancers13112749. IF=6.575, Q1
41. Shiels RG, Hewage W, Vidimce J, Pearson AG, Grant G, **Wagner KH**, Bulmer AC. Pharmacokinetics of bilirubin-10-sulfonate and biliverdin in the rat. *Eur J Pharm Sci*. 2021 Apr 1;159:105684. doi: 10.1016/j.ejps.2020.105684. IF=5.112, Q1
42. Vidimce J, Pillay J, Shrestha N, Dong LF, Neuzil J, **Wagner KH**, Holland OJ, Bulmer AC. Mitochondrial Function, Fatty Acid Metabolism, and Body Composition in the Hyperbilirubinemic Gunn Rat. *Front Pharmacol*. 2021 Mar 8;12:586715. doi: 10.3389/fphar.2021.586715. IF=5.988, Q1
43. **Wagner KH**, Schwingshackl L, Draxler A, Franzke B. Impact of dietary and lifestyle interventions in elderly or people diagnosed with diabetes, metabolic disorders, cardiovascular disease, cancer and micronutrient

deficiency on micronuclei frequency – A systematic review and meta-analysis. *Mutation Research - Reviews in Mutation Research*, 2021, 787, 108367. IF=7.015, Q1

44. **Wagner KH**, Seyed Khoei N, Hana CA, Doberer D, Marculescu R, Bulmer A, Wallner-Hörmann W, Mölzer C. Oxidative stress and related biomarkers in Gilbert's Syndrome: A secondary analysis of two case-control studies. *Antioxidants*, 2021 Sep 15;10(9):1474. doi: 10.3390/antiox10091474. IF=7.657, Q1

45. Wirnitzer K, Motevalli M, Tanous D, Wirnitzer G, Leitzmann C, **Wagner KH**, Rosemann T, Knechtle B. Training and Racing Behaviors of Omnivorous, Vegetarian, and Vegan Endurance Runners—Results from the NURMI Study (Step 1). *Nutrients* 2021, 13(10), 3521; doi.org/10.3390/nu13103521. IF=6.706, Q1

46. Zöhrer P, Hana CA, Seyed Khoei N, Mölzer C, Wallner-Hörmann W, Tosevska A, Doberer D, Marculescu R, Bulmer A, Herbold CW, Berry D, **Wagner KH**. Gilbert's Syndrome and the gut microbiota - Insights from the case-control BILIHEALTH study. *Front. Cell. Infect. Microbiol.* | doi: 10.3389/fcimb.2021.701109. IF=6.073, Q1

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47. Fenech M, Holland N, Kirsch-Volders M, Knudsen LE, **Wagner KH**, Stopper H, Knasmueller S, Bolognesi C, El-Zein R, Bonassi S. Micronuclei and disease - Report of HUMN project workshop at Rennes 2019 EEMGS conference. *Mutat Res.* 2020 Feb-Mar;850-851:503133. doi: 10.1016/j.mrgentox.2020.503133. IF=2.506, Q2

48. Franzke B, Schober-Halper B, Hofmann M, Oesen S, Tosevska A, Nersesyan A, Knasmüller S, Strasser EM, Wallner M, Wessner B, **Wagner KH**. Chromosomal stability in buccal cells was linked to age but not affected by exercise and nutrients - Vienna Active Ageing Study (VAAS), a randomized controlled trial. *Redox Biology*, 2020 Jan;28:101362. doi 10.1016/j.redox.2019 IF=9.986, Q1

49. Franzke B, Schwingshackl L, **Wagner KH**. Chromosomal damage measured by the cytokinesis block micronucleus cytome assay in diabetes and obesity - a systematic review and meta-analysis. *Mut.Res.Rev.* 2020, 786, 108343. IF=5.803, Q1

50. Freisling H, Seyed Khoei N, Viallon V, **Wagner KH**. Gilbert's syndrome, circulating bilirubin and lung cancer: a genetic advantage? *Thorax*. 2020 Nov;75(11):916-917. doi: 10.1136/thoraxjnl-2020-215642. IF=10.844, Q1

51. Jungert A, Linseisen J, **Wagner KH**, Richter M; German Nutrition Society (DGE). Revised D-A-CH Reference Values for the Intake of Vitamin B6. *Ann Nutr Metab.* 2020 Jul 20:1-10. doi: 10.1159/000508618. IF=2.841, Q2

52. Kaszoni-Rückerl I, Mustedanagic A, Muri-Klinger S, Brugger K, **Wagner KH**, Wagner M, Stessl B. Predominance of Distinct *Listeria innocua* and *Listeria monocytogenes* in Recurrent Contamination Events at Dairy Processing Facilities. *Microorganisms*. 2020 Feb 10;8(2). pii: E234. doi: 10.3390/microorganisms8020234, IF=4.167, Q1

53. Laky B, Alram I, Frank JK, Pauzenberger L, Anderl W, **Wagner KH**, Heuberger PR. Mildly decreased preoperative bilirubin levels are associated with infections after shoulder and knee arthroplasty. *J Orthop Res.* 2020 Feb 4. doi: 10.1002/jor.24620. IF=3.14, Q1

54. Mitchell SM, McKenzie EJ, Mitchell CJ, Milan AM, Zeng N, D'Souza RF, Ramzan F, Sharma P, Rettedal E, Knowles SO, Roy NC, Sjödin A, **Wagner KH**, O'Sullivan JM, Cameron-Smith D. A period of 10 weeks of increased protein consumption does not alter faecal microbiota or volatile metabolites in healthy older men: a randomised controlled trial. *J Nutr Sci.* 2020 Jul 3;9:e25. doi: 10.1017/jns.2020.15.
55. Nemeth M, Wallner B, Schuster D, Siutz C, Quint R, **Wagner KH**, Millesi E. Effects of dietary fatty acids on the social life of male Guinea pigs from adolescence to adulthood. *Horm Behav.* 2020 Aug;124:104784. doi: 10.1016/j.yhbeh.2020.104784. IF=4.445, Q1
56. Pennell EN, Shiels R, Vidimce J, **Wagner KH**, Shibebe S, Bulmer AC. The impact of bilirubin ditaurate on platelet quality during storage. *Platelets.* 2020 Oct 2;31(7):884-896. doi: 10.1080/09537104.2019.1693038. IF=3.378, Q2
57. Seyed Khoei N, Anton G, Peters A, Freisling H, **Wagner KH**. The association between serum bilirubin levels and colorectal cancer risk: Results from the prospective cooperative health research in the region of Augsburg (KORA) study in Germany. *Antioxidants (Basel).* 2020 Sep 24;9(10):E908. doi: 10.3390/antiox9100908. IF=5.014, Q1
58. Seyed Khoei N, Jenab M, Murphy N, Banbury BL, Carreras-Torres R, Viallon V, Kühn T, Bueno-de-Mesquita B, Aleksandrova K, Cross AJ, Weiderpass E, Stepien M, Bulmer A, Tjønneland A, Boutron-Ruault MC, Severi G, Carbonnel F, Katzke V, Boeing H, Bergmann MM, Trichopoulou A, Karakatsani A, Martimianaki G, Palli D, Tagliabue G, Panico S, Tumino R, Sacerdote C, Skeie G, Merino S, Bonet C, Rodríguez-Barranco M, Gil L, Chirlaque MD, Ardanaz E, Myte R, Hultdin J, Perez-Cornago A, Aune D, Tsilidis KK, Albanes D, Baron JA, Berndt SI, Bézieau S, Brenner H, Campbell PT, Casey G, Chan AT, Chang-Claude J, Chanock SJ, Cotterchio M, Gallinger S, Gruber SB, Haile RW, Hampe J, Hoffmeister M, Hopper JL, Hsu L, Huyghe JR, Jenkins MA, Joshi AD, Kampman E, Larsson SC, Le Marchand L, Li CI, Li L, Lindblom A, Lindor NM, Martín V, Moreno V, Newcomb PA, Offit K, Ogino S, Parfrey PS, Pharoah PDP, Rennert G, Sakoda LC, Schafmayer C, Schmit SL, Schoen RE, Slattery ML, Thibodeau SN, Ulrich CM, van Duijnhoven FJB, Weigl K, Weinstein SJ, White E, Wolk A, Woods MO, Wu AH, Zhang X, Ferrari P, Anton G, Peters A, Peters U, Gunter MJ, **Wagner KH**, Freisling H. Circulating bilirubin levels and risk of colorectal cancer: serological and Mendelian randomization analyses. *BMC Med.* 2020 Sep 3;18(1):229. doi: 10.1186/s12916-020-01703-w. IF=6.782, Q1
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