

Neue Publikationen aus dem IPA

1. Bartkowiak K, Casjens S, Andreas A, Ačkar L, Joosse SA, Raiko I, Brüning T, Geffken M, Peine S, Johnen G, Weber DG, Pantel K. Sensitive Blood-Based Detection of Asbestos-Associated Diseases Using Cysteine-Rich Angiogenic Inducer 61 as Circulating Protein Biomarker. *Clin Chem* 2021; 67: 363–373 doi: 10.1093/clinchem/hvaa232
2. Behrens T, Brüning T. Wirksamkeit von Gesichtsmasken bei der Verhinderung von Atemwegsinfektionen. *DGUV Forum* 2021; 03: 26-29
3. Bickhardt J, Reinhardt J, Sander I, Raulf M. Locust allergy – rare cause of occupational asthma. *Allergologie* 2020; 43: 94–97 doi: 10.5414/ALX02138
4. Brüning T, Bünger J, Casjens S, Raulf M. Arbeitsmedizinische Forschung und Beratung in Pandemiezeiten. *DGUV Forum* 2021; 03: 30-34
5. Casjens S, Brüning T, Taeger D. Author's reply to: cancer risks of firefighters: a systematic review and meta-analysis of secular trends and region-specific differences. *Int Arch Occup Environ Health* 2021a; 94: 355-356 doi: 10.1007/s00420-020-01625-3
6. Casjens S, Johnen G, Raiko I, Pesch B, Taeger D, Töpfer C, Schonefeld S, Moebus S, Jöckel KH, Brüning T, Weber DG. Re-evaluation of potential predictors of calretinin and mesothelin in a population-based cohort study using assays for the routine application in clinical medicine. *BMJ Open* 2021b; 11: e039079 doi: 10.1136/bmjopen-2020-039079
7. Conway DI, Hovanec J, Ahrens W, Ross A, ..., Behrens T, McMahon AD. Occupational socioeconomic risk associations for head and neck cancer in Europe and South America: individual participant data analysis of pooled case-control studies within the INHANCE Consortium. *J Epidemiol Community Health* 2021; Epub ahead of Print doi: 10.1136/jech-2020-214913
8. David A, Chaker J, Léger T, Al-Salhi R, Dalgaard MD, Styrishave B, Bury D, Koch HM, Jégou B, Kristensen DM. Acetaminophen metabolism revisited using non-targeted analyses: Implications for human biomonitoring. *Environ Int* 2021; 149: 106388 doi: 10.1016/j.envint.2021.106388
9. Dorling L, Carvalho S, Allen J, ..., Brauch H, Bremer M, Briceno I, Brüning T, Devilee P, Easton DF. Breast Cancer Risk Genes – Association Analysis in More than 113,000 Women. *N Engl J Med* 2021; 384: 428–439 doi: 10.1056/NEJMoa1913948
10. Duell M, Johnen G, Wiethage T. Therapie maligner Mesotheliome – neue Ansätze. *DGUV Forum* 2021; 01: 43–44
11. Ebo DG, Decuyper II, Rihs HP, Mertens CH, van Gasse AL, van der Poorten ML, Puyssseleyr Ld, Faber MA, Hagendorens MM, Bridts CH, Sabato V, Elst J. IgE-binding and mast cell activating capacity of the homologue of the major birch pollen allergen and profilin from Cannabis sativa. *J Allergy Clin Immunol In practice* 2021; Epub ahead of Print doi: 10.1016/j.jaip.2021.02.012
12. Eisenhawer C, Raulf M, Merget R. Occupational diisocyanate asthma of a professional driver – the importance of allergological diagnostics. *Allergologie select* 2020; 43: 89–93 doi: 10.5414/ALX02133
13. Gambichler T, Hartenstein I, Dreissigacker M, Stockfleth E, Schaller J, Schulze H-J, Becker JC, Kafferlein HU, Bruning T, Lang K. Expression of hedgehog signaling molecules in microcystic adnexal carcinoma. *Clinical and experimental dermatology* 2021; Epub ahead of Print doi: 10.1111/ced.14634
14. Gotthardt A, Bury D, Kling HW, Otter R, Weiß T, Brüning T, Koch HM. Quantitativ investigation of the urinary excretion of three specific monoester metabolites of the plasticizer diisononyl adipate (DINA). *Excli J* 2021; 20: 412–425
15. Kafferlein HU, Koch HM, Bury D, Wrobel SA, Gilsing H-D, Ospina M, Baker SE. Comment on „Urinary Metabolites of Neonicotinoid Insecticides: Levels and Recommendations for Future Biomonitoring Studies in China“: Quantification of 5-Hydroxyimidacloprid and Biomonitoring. *Environ. Sci. Technol.* 2021; 55: 2163–2164 doi: 10.1021/acs.est.0c03723
16. Kersting M, Olejnik M, Rosenkranz N, Loza K, Breisch M, Rostek A, Westphal G, Bünger J, Ziegler N, Ludwig A, Köller M, Sengstock C, Eppele M. Subtoxic cell responses to silica particles with different size and shape. *Scientific reports* 2020; 10: 1–17 doi: 10.1038/s41598-020-78550-5

17. Kespohl S, Warfolomeow I, Schneider G, Maryska S, Meurer U, Raulf M. Microbial contamination in water-based metalworking fluid as trigger for occupational hypersensitivity pneumonitis – development of specific IgG tools for a suspected clinical case. *Allergologie select* 2020; 4: 110–117 doi: 10.5414/ALX02124E
18. Lotz A, Pesch B, Casjens S, Lehnert M, Zschiesche W, Taeger D, Yeh C-L, Weiss T, Schmidt-Wilcke T, Quetscher C, Gabriel S, Zella MAS, Woitalla D, Dydak U, van Thriel C, Brüning T, Behrens T. Association of exposure to manganese and fine motor skills in welders – results from the WELDOX II study. *Neurotoxicology* 2020; 82: 137–145 doi: 10.1016/j.neuro.2020.12.003
19. Merget R, Raulf M, Sander I. Occupational immediate type allergy to soapnut and quillaja bark. *Allergologie select* 2021; 5: 77–81 doi: 10.5414/ALX02131E
20. Monse C, Vossen K, Martiny A, Kirchner M, Dragan G, Jettkant B, Buenger J, Bruening T, Emmel C. Comparative nitrogen oxide measurements in the IPA exposure laboratory. *Gefahrstoffe – Reinhaltung der Luft* 2020; 80: 377–384
21. Olejnik M, Breisch M, Sokolova V, Loza K, Prymak O, Rosenkranz N, Westphal G, Bünger J, Köller M, Sengstock C, Epple M. The effect of short silica fibers (0.3 µm 3.2 µm) on macrophages. *Sci. Total Environ.* 2021; 769: 144575 doi: 10.1016/j.scitotenv.2020.144575
22. Olejnik M, Kersting M, Rosenkranz N, Loza K, Breisch M, Rostek A, Prymak O, Schürmeyer L, Westphal G, Köller M, Bünger J, Epple M, Sengstock C. Cell-biological effects of zinc oxide spheres and rods from the nano- to the microscale at sub-toxic levels. *Cell biology and toxicology* 2021; 769: 144575 doi: 10.1007/s10565-020-09571-z
23. Raulf M. Editorial: Occupational Allergies – Case Studies of Rare Triggers of Skin and Respiratory Diseases – Part II. *Allergologie* 2020; 43: 87–88 doi: 10.5414/ALX02139
24. Raulf M, Werfel T. Editorial: Allergological Expertise in demand in the Pandemic: News on Insect Venom Allergy and Allergy Diagnostics in COVID-19 Vaccination. *Allergologie* 2021; 44: 89–90
25. Ringbeck B, Bury D, Gotthardt A, Hayen H, Otter R, Weiss T, Bruning T, Koch HM. Human metabolism and urinary excretion kinetics of di-n-butyl adipate (DnBA) after oral and dermal administration in three volunteers. *Toxicology letters* 2021; 343: 11–20 doi: 10.1016/j.toxlet.2021.02.012
26. Sander I, Keller C, Czibor C, Meurer U, Merget R, Raulf M. Unusual allergen in a butcher with respiratory symptoms. *Allergologie select* 2020; 4: 105–109 doi: 10.5414/ALX02126E
27. Sucker K, Zschiesche W, Aziz M, Drews T, Hummel T, Raulf M, Weiss T, Bury D, Breuer D, Werner S, Friedrich C, Bünger J, Pallapies D, Brüning T. Naphthalene: irritative and inflammatory effects on the airways. *Int Arch Occup Environ Health* 2021; Epub ahead of Print doi: 10.1093/toxsci/kfg156
28. Tschersich C, Murawski A, Schwedler G, Rucic E, Moos RK, Kasper-Sonnenberg M, Koch HM, Brüning T, Kolossa-Gehring M. Bisphenol A and six other environmental phenols in urine of children and adolescents in Germany – human biomonitoring results of the German Environmental Survey 2014–2017 (GerES V). *Sci. Total Environ.* 2021; 763: 144615 doi: 10.1016/j.scitotenv.2020.144615
29. Vorkamp K, Castaño A, Antignac J-P, Boada LD, Cequier E, Covaci A, Esteban López M, Haug LS, Kasper-Sonnenberg M, Koch HM, Pérez Lizardo O, Osite A, Rambaud L, Pinorini M-T, Sabbioni G, Thomsen C. Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. *Environ Int* 2021; 146: 106082 doi: 10.1016/j.envint.2020.106082
30. Worm M, Raulf M, Werfel T. Editorial: Allergology and DGAKI – Joint start into the future. *Allergologie* 2021; 44: 1–2 doi: 10.5414/ALX02214
31. Zahradnik E, Sander I, Kleinmueller O, Lotz A, Liebers V, Janssen-Weets B, Kler S, Hilger C, Beine A, Hoffmeyer F, Nienhaus A, Raulf M. Animal allergen exposure levels in veterinary practices and homes of practice employees. *Allergologie* 2021; 44: 152

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