

Neue Publikationen aus dem IPA

1. Billaud A, Figlioli G, Mooser C, ..., Brüning T, Camp NJ, ..., Lesueur F, Stoppa-Lyonnet D, La Hoya M de, Radice P, Sørensen CS, Peterlongo P. Large-scale meta-analysis and precision functional assays identify FANCM regions in which PTVs confer different risks for ER-negative and triple-negative breast cancer. *Breast* 2026; 85: 104619 doi: 10.1016/j.breast.2025.104619
2. Bury D, Ebert KE, Koch HM. Comment on 'From multimodal liquid chromatography to supercritical fluid chromatography: doi.org/10.1016/j.jcoa.2025.100251) – peak assignment for cis- and trans-homosalate. *J. Chromatogr. Open* 2025; 8: 100277 doi: 10.1016/j.jcoa.2025.100277
3. Doyen V, Kespohl S, Jadot I, Riffart C, Mittermann I, Aumayr M, Vandenplas O, Raulf M. Occupational IgE-Mediated Respiratory Allergy to Shikakai Powder. *J Allergy Clin Immunol In practice* 2025; 13: 1397–1404 doi: 10.1016/j.jaip.2025.12.005
4. Gina M, Beine A, Hoffmeyer F, Kendzia B, Nollenheidt C, Zahradnik E, Sander I, Fartasch M, Raulf M. Early detection of dermatological risks: Cross-sectional study on the prevalence of hand eczema and allergic skin diseases among first-semester veterinary students. *Allergologie* 2025; 48: 550
5. Gina M, Ofenloch R, Schwebke I, Hubner N-O, Fartasch M, Brüning T. Study of the effects of virucidal alcohol-based hand disinfectants on skin barrier function: An experimental analysis. *J Dtsch Dermatol Ges (JDDG)* 2025; 23: 101
6. Herman EJ, Allione A, Viberti C, ..., Kaiser N, Johnen G, Brüning T, Mirabelli D, Dianzani I, Agudo A, Weiderpass E, Simeon V, ..., Vineis P, Casalone E, Matullo G. A proteomics approach to identify predictive blood biomarkers for pleural mesothelioma in prospective cohorts. *Clin Exp Med* 2026; 26: 161 doi: 10.1007/s10238-026-02058-x
7. Hosbach I, Wiethage T, Weber DG, Johnen G, Weidhaas S, Taeger D, Heipel R, Kaiser N, Eisenhawer C, Brüning T. EVA-Mesothel: Das neue Vorsorgeangebot zur Früherkennung von Mesotheliomen. *ASU* 2026; 61: 25–28
8. Kendzia B, Behrens T, Brüning T, Stang A, Jöckel K-H, Ahrens W. Risk of testicular cancer and exposure to welding fumes. *Eur. J. Public Health* 2026; Online ahead of Print doi: 10.1093/eurpub/ckaf255
9. Kendzia B, Taeger D, Pohabeln H, Ahrens W, Wichmann H-E, Jöckel K-H, Brüning T, Behrens T. Trajectories of cigarette smoking and exposure to welding fumes and their impact on lung cancer risks: a latent class modelling approach. *BMJ Open* 2026b; 16: e099920 doi: 10.1136/bmjopen-2025-099920
10. Kespohl S, Raulf, M., Gina M. Welche klimabedingten Veränderungen ergeben sich für die Sicherheit und Gesundheit am Arbeitsplatz insbesondere mit Blick auf berufliche Allergien? *Umweltmed – Hygiene – Arbeitsmed* 2026; 31: 7–19
11. Krabbe J, Ott N, van Kampen V. Reinigungsmittel im beruflichen Kontext und Asthma bronchiale. *Pneumologie & HNO* 2025a: 6–8
12. Krabbe J, Reimers DJ, Otte N, Doukas P, Dirrichs T, Radtke T, Dressel H, Kraus T. Carbon monoxide and nitric oxide diffusion capacity of formerly exposed asbestos workers with high-resolution computed tomography in a cross-sectional study. *Sci Rep* 2025b; 15: 15380 doi: 10.1038/s41598-025-99824-w
13. Lehnert M, Lotz A, Schlatter S, Brüning T, Pitzke K, Behrens T. Einflüsse relevanter Randbedingungen auf die Exposition gegenüber Chrom und Nickel beim MAG/MIG-Schweißen – Vergleich eines praxisnahen Experiments mit realen Arbeitsplätzen (Teil 2). *Gefahrstoffe – Reinhaltung der Luft* 2025; 85: 288–296
14. Nita TM, Wrobel SA, Vernez D, Koch HM, Wild P, Zufferey F, Rudaz S, Stenz L, Odermatt A, Hopf NB. Hormonal changes in professional printers exposed to phthalates suggesting potential disturbances of the hypothalamic-pituitary-gonadal axis. *Environ. Res.* 2026; 15: 123477 doi: 10.1016/j.envres.2025.123477

- 15.** Pogner C-E, Gorfer M, Raulf, M., Strauss J, Sander I. Quantification of airborne fungal antigens by ELISA and comparison to molecular biological and classical methods (vol 91, e00163-25, 2025). *Appl. Environ. Microbiol.* 2025; 91 doi: 10.1128/aem.02189-25
- 16.** Polańska K, Jankowska A, Bury D, Moos RK, Pälme C, Jerzyńska J, Jurewicz J, Bose-O'Reilly S, Koch HM, Garí M. Impact of plastic-related chemicals on emotional and behavioral health in children from Poland. *Environ Health* 2025; 24: 76 doi: 10.1186/s12940-025-01210-6
- 17.** Radauer C, Gadermaier G, Goodman RE, Jacquet A, Jappe U, Lopata AL, Pomés A, Raulf M, Santos KS, Zakzuk J, Zhang Y, Vitte J. New Allergens Approved by the WHO/IUIS Allergen Nomenclature Sub-Committee in 2021-2024 and Their Significance for Future Diagnostics, Regulation, and Research. *An EAACI Task Force Report. Allergy* 2025; 81: 684–699 doi: 10.1111/all.70166
- 18.** Raulf, M., Kespohl S. Diagnostik von IgE-vermittelten Berufsallergien – zwischen Wirklichkeit, Erfordernissen und Chancen. *Umweltmed – Hygiene – Arbeitsmed* 2026; 31: 21–29
- 19.** Sander I, Kespohl S, Beine A, Belting K, Bünger J, Weidhaas S, Hosbach I, Eisenhawer C, Gleichhagen J, Göcke P, Brüning T, Raulf M. SARS-CoV-2 antibody levels and infections in multiple vaccinated employees over time. *J Med Virol* 2025; 97: e70628 doi: 10.1002/jmv.70628
- 20.** Singh R, Koch HM, Kolossa-Gehring M, Conrad A, Connolly A. A Social Survey to Capture the Public Awareness and Perception About Chemicals Under Ireland's Human Biomonitoring Feasibility Study. *Environments* 2025; 12: 410 doi: 10.3390/environments12110410
- 21.** Singh R, Lee S, Doherty D, Buggy C, Koch HM, Kolossa-Gehring M, Connolly A. Insights from an invited expert panel using a World Café: Developing a national policy for a human biomonitoring programme. *Environ Int* 2025; 207: 110025 doi: 10.1016/j.envint.2025.110025
- 22.** Spitschan M, Biller AM, Broszio K, Fischer E, Hegewald J, Rabstein S, Saathoff E, Smolders K, Thalji SM, Weigelt S, Weiskopf D, Zauner J. Ocular light and optical radiation exposure as a modifiable environmental determinant of health: expert consensus on research gaps and priorities. *BMC medicine* 2026; 24: 119 doi: 10.1186/s12916-025-04608-8
- 23.** Weissenborn L, Kespohl S, Maryska S, Sander I, Bickhardt J, Henle T, Raulf, M. Airborne exposure induced occupational type I allergy to *Tenebrio molitor*: Case report and studies on immunological reactivity. *Allergologie* 2025; 48: 449–458 doi: 10.5414/ALX2580E
- 24.** Zammit I, Cheng Y, Bury D, Wang X, Mueller JF, Koch HM. Deconjugation enzymes – pitfalls, contamination risks, and practical insights from human biomonitoring of bisphenols, phthalates, and oxidative stress markers. *Int J Hyg Environ Health* 2026; 272: 114730 doi: 10.1016/j.ijheh.2025.114730
- 25.** Zare Jeddi M, Jones K, Leese E, ..., Koch HM, Pasanen-..., Kil J, Kwon J-H, Tavares AM, Vekic AM, Souza G, Scheepers PTJ. An introduction to BASIC Guide: human biomonitoring and surveillance of chemical exposure in occupational settings. *Ann Work Expo Health* 2026; 70: wxaf074 doi: 10.1093/annweh/wxaf074
- 26.** Zschesche W. Obstruktive Atemwegserkrankungen bei Schweißern – BK 4302. *Atemweg Lungenkrkh* 2025; 51: 260–268 doi: 10.5414/ATX02831



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