

Veröffentlichungen

des Helmholtz-Zentrums für Umweltforschung GmbH – UFZ

Forschungsbereich Gesundheit

Forschen für die Umwelt

Vorbemerkung

Das vorliegende Veröffentlichungsverzeichnis umfasst die im Jahre 2015 erschienenen Publikationen des Forschungsbereichs Gesundheit, die von Mitarbeitern der Helmholtz-Zentrum für Umweltforschung GmbH - UFZ verfasst, mitverfasst oder herausgegeben wurden.

Redaktionsschluss für diese Publikationsliste war der 15. März 2016.

Im Unterschied zu externen Autoren sind UFZ Angehörige bei allen Publikationen durch **fette Schrift** hervorgehoben.

Das anschließende alphabetische Register verzeichnet alle UFZ Autoren mit den jeweiligen laufenden Nummern ihrer Publikationen.

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Artikel in ISI und SCOPUS gelisteten Zeitschriften

1. Ahrens, V.M., Kostelnik, K.B., Rennert, R., Böhme, D., **Kalkhof, S.**, Kosel, D., Weber, L., **von Bergen, M.**, Beck-Sickinger, A.G. (2015):
A cleavable cytolyisin–neuropeptide Y bioconjugate enables specific drug delivery and demonstrates intracellular mode of action
J. Control. Release **209**, 170 - 178
2. Ali, R., **Trump, S.**, **Lehmann, I.**, Hanke, T. (2015):
Live cell imaging of the intracellular compartmentalization of the contaminant benzo[a]pyrene
J. Biophotonics **8** (5), 361 - 371
3. **Bauer, M.**, Linsel, G., **Fink, B.**, **Offenberg, K.**, Hahn, A.M., Sack, U., Knaack, H., Eszlinger, M., **Herberth, G.** (2015):
A varying T cell subtype explains apparent tobacco smoking induced single CpG hypomethylation in whole blood
Clin. Epigenetics **7**, art. 81
4. Beyer, A., **Baumann, S.**, Scherz, G., Stahl, J., **von Bergen, M.**, Friese, A., Roesler, U., Kietzmann, M., Honscha, W. (2015):
Effects of ceftiofur treatment on the susceptibility of commensal porcine *E.coli* – comparison between treated and untreated animals housed in the same stable
BMC Vet. Res. **11**, art. 265
5. Casas, L., Sunyer, J., Tischer, C., Gehring, U., Wickman, M., Garcia-Estebaran, R., **Lehmann, I.**, Kull, I., Reich, A., Lau, S., Wijga, A., Antó, J.M., Nawrot, T.S., Heinrich, J., Keil, T., Torrent, M. (2015):
Early-life house dust mite allergens, childhood mite sensitization, and respiratory outcomes - reply
Allergy **70** (9), 1190 - 1191
6. Casas, L., Sunyer, J., Tischer, C., Gehring, U., Wickman, M., Garcia-Estebaran, R., **Lehmann, I.**, Kull, I., Reich, A., Lau, S., Wijga, A., Antó, J.M., Nawrot, T.S., Heinrich, J., Keil, T., Torrent, M. (2015):
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7. **Franck, U.**, **Leitte, A.M.**, Suppan, P. (2015):
Multifactorial airborne exposures and respiratory hospital admissions — The example of Santiago de Chile
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8. Fuertes, E., Standl, M., von Berg, A., **Lehmann, I.**, Hoffmann, B., Bauer, C.-P., Koletzko, S., Berdel, D., Heinrich, J. (2015):
Parental allergic disease before and after child birth poses similar risk for childhood allergies
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9. Halwachs, S., Mahnke, H., Ballent, M., **Baumann, S.**, **von Bergen, M.**, Viviani, P., Lanusse, C., Honscha, W., Lifschitz, A. (2015):
ABCG2-mediated transport of anthelmintic drugs in the mammary gland of dairy cows
J. Vet. Pharmacol. Ther. **38** (S1), 43 - 44
10. **Herberth, G.**, **Offenberg, K.**, **Rolle-Kampczyk, U.**, **Bauer, M.**, **Otto, W.**, **Röder, S.**, **Grützmann, K.**, Sack, E., Simon, J.-C., Borte, M., **von Bergen, M.**, **Lehmann, I.** (2015):
Endogenous metabolites and inflammasome activity in early childhood and links to respiratory diseases
J. Allergy Clin. Immunol. **136** (2), 495 - 497
11. Hoeke, H., **Roeder, S.**, Bertsche, T., **Lehmann, I.**, Borte, M., **von Bergen, M.**, **Wissenbach, D.K.** (2015):
Monitoring of drug intake during pregnancy by questionnaires and LC-MS/MS drug urine screening: evaluation of both monitoring methods
Drug Test. Anal. **7** (8), 695 - 702
12. **Hofmann, T.**, Fischer, A.W., Meiler, J., **Kalkhof, S.** (2015):
Protein structure prediction guided by crosslinking restraints – A systematic evaluation of the impact of the crosslinking spacer length
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13. **Hofmann, T.**, Samsonov, S.A., Pichert, A., Lemnitzer, K., Schiller, J., Huster, D., Pisabarro, M.T., **von Bergen, M.**, **Kalkhof, S.** (2015):
Structural analysis of the interleukin-8/glycosaminoglycan interactions by amide hydrogen/deuterium exchange mass spectrometry
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14. Idler, N., Teuner, C.M., Hunger, M., Holle, R., Ortlieb, S., Schulz, H., Bauer, C.-P., Hoffmann, U., Koletzko, S., **Lehmann, I.**, von Berg, A., Berdel, D., Hoffmann, B., Schaaf, B., Heinrich, J., Wolfenstetter, S.B. (2015):
The association between physical activity and healthcare costs in children – results from the GINIplus and LISAplus cohort studies
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15. Jouy, F., Müller, S.A., Wagner, J., Otto, W., von Bergen, M., Tomm, J.M. (2015): Integration of conventional quantitative and phospho-proteomics reveals new elements in activated Jurkat T-cell receptor pathway maintenance
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16. Kalkhof, S., Dautel, F., Loguerio, S., Baumann, S., Trump, S., Jungnickel, H., Otto, W., Rudzok, S., Potratz, S., Luch, A., Lehmann, I., Beyer, A., von Bergen, M. (2015): Pathway and time-resolved benzo[a]pyrene toxicity on Hepa1c1c7 cells at toxic and subtoxic exposure
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17. Kirsten, H., Al-Hasani, H., Holdt, L., Gross, A., Beutner, F., Krohn, K., Ahnert, P., Burkhardt, R., Reiche, K., Hackermüller, J., Löffler, M., Teupser, D., Thiery, J., Scholz, M. (2015): Dissecting the genetics of the human transcriptome identifies novel trait-related *trans*-eQTLs and corroborates the regulatory relevance of non-protein coding loci
Hum. Mol. Genet. **24** (16), 4746 - 4763
18. Klümper, C., Krämer, U., Lehmann, I., von Berg, A., Berdel, D., Herberth, G., Beckmann, C., Link, E., Heinrich, J., Hoffmann, B., Schins, R.P.F. (2015): Air pollution and cytokine responsiveness in asthmatic and non-asthmatic children
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19. Kostelnik, K.B., Els-Heindl, S., Klöting, N., Baumann, S., von Bergen, M., Beck-Sickinger, A.G. (2015): High metabolic *in vivo* stability and bioavailability of a palmitoylated ghrelin receptor ligand assessed by mass spectrometry
Bioorg. Med. Chem. **23** (14), 3925 - 3932
20. Linton, S.M., Cameron, M.S., Gray, M.C., Donald, J.A., Saborowski, R., von Bergen, M., Tomm, J.M., Allardyce, B.J. (2015): A glycosyl hydrolase family 16 gene is responsible for the endogenous production of β-1,3-glucanases within decapod crustaceans
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21. Müller, S.A., Pernitzsch, S.R., Haange, S.-B., Uetz, P., von Bergen, M., Sharma, C.M., Kalkhof, S. (2015): Stable isotope labeling by amino acids in cell culture based proteomics reveals differences in protein abundances between spiral and coccoid forms of the gastric pathogen *Helicobacter pylori*
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22. Nitsche, A., Rose, D., Fasold, M., **Reiche, K.**, Stadler, P.F. (2015):
Comparison of splice sites reveals that long noncoding RNAs are evolutionarily well
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23. Pagani, M., **Rockstroh, M.**, **Schuster, M.**, Rossetti, G., Moro, M., Crosti, M., **Tomm, J.M.** (2015):
Reference proteome of highly purified human Th1 cells reveals strong effects on
metabolism and protein ubiquitination upon differentiation
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Critical role for syndecan-4 in dendritic cell migration during development of allergic
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Nat. Commun. **6**, art. 7554
25. Remane, D., **Grunwald, S.**, Hoeke, H., **Mueller, A.**, **Roeder, S.**, **von Bergen, M.**,
, **Wissenbach, D.K.** (2015):
Validation of a multi-analyte HPLC-DAD method for determination of uric acid,
creatinine, homovanillic acid, niacinamide, hippuric acid, indole-3-acetic acid and
2-methylhippuric acid in human urine
J. Chromatogr. B **998–999**, 40 - 44
26. **Rösch, C.**, **Wissenbach, D.K.**, **von Bergen, M.**, **Franck, U.**, Wendisch, M., **Schlink, U.**
(2015):
The lasting effect of limonene-induced particle formation on air quality in a genuine
indoor environment
Environ. Sci. Pollut. Res. **22** (18), 14209 - 14219
27. Schaubeck, M., Clavel, T., Lagkouardos, M., Calasan, J., **Haange, S.B.**, **Jehmlich, N.**,
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28. Scherz, G., Beyer, A., Stahl, J., Roesler, U., Friese, A., **von Bergen, M.**, Kietzmann, M.,
Honscha, W. (2015):
Occurrence of cephalosporin resistant and ESBL-producing commensal *Escherichia coli*
in the microbiota from swine treated with ceftiofur
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29. Su, C., Hampel, R., **Franck, U.**, Wiedensohler, A., Cyrys, J., Pan, X., Wichmann, H.-E., Peters, A., Schneider, A., Breitner, S. (2015):
Assessing responses of cardiovascular mortality to particulate matter air pollution for pre-, during- and post-2008 Olympics periods
Environ. Res. **142** , 112 - 122
30. Thiering, E., Brüske, I., Kratzsch, J., Hofbauer, L.C., Berdel, D., von Berg, A., **Lehmann, I.**, Hoffmann, B., Bauer, C.P., Koletzko, S., Heinrich, J. (2015):
Associations between serum 25-hydroxyvitamin D and bone turnover markers in a population based sample of German children
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31. Tiesler, C.M.T., Thiering, E., Tischer, C., **Lehmann, I.**, Schaaf, B., von Berg, A., Heinrich, J. (2015):
Exposure to visible mould or dampness at home and sleep problems in children: Results from the LISApplus study
Environ. Res. **137** , 357 - 363
32. Tischer, C., Standl, M., **Lehmann, I.**, Schaaf, B., von Berg, A., Heinrich, J. (2015):
Sleeping on animal fur is related to asthma outcomes in later childhood
Eur. Resp. J. **46** (1), 107 - 114
33. Zanker, D., **Otto, W.**, Chen, W., **von Bergen, M.**, **Tomm, J.** (2015):
Compartment resolved reference proteome map from highly purified naïve, activated, effector, and memory CD8⁺ murine immune cells
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34. **Feltens, R., Roeder, S., Otto, W., Borte, M., Lehmann, I., von Bergen, M., Wissenbach, D.K.** (2015): Evaluation of population and individual variances of urinary phthalate metabolites in terms of epidemiological studies
Journal of Chromatography & Separation Techniques **6** (6), art. 1000290
35. Winkler, S., **Kalkhof, S.**, Hempel, M., Brückner, S., **von Bergen, M.**, Christ, B. (2015): Validierung des Modells der durch eine Methionin-Cholin-freie Diät induzierten Nicht-alkoholischer Steatohepatitis (NASH) durch Proteomanalysen
Zeitschrift für Gastroenterologie **53**, KG090

Berichtartikel

36. **Karthe, D.** (2015):
Hygienemonitoring von Roh- und Trinkwasser
In: Bock, S., Libbe, J., Nickel, D., Beißwenger, K.-D., Düsterdiek, B. (Hrsg.)
Starkregen und Hitzewellen : die Stadt im Klimawandel fordert die kommunale Wasserwirtschaft heraus. Themen, Projekte und Lösungen aus der BMBF-Fördermaßnahme INIS
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Winkler & Stenzel, Burgwedel, S. 10 - 11
37. **Müller, A.** (2015):
Gesundheitsrisiko Schimmelpilze
Leipzigs Wandel im Spiegel der Stadtforschung am UFZ
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, S. 18 - 19

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