



# Veröffentlichungen

des Helmholtz-Zentrums für Umweltforschung – UFZ

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Forschungsbereich Gesundheit

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## **Vorbemerkung**

Das vorliegende Veröffentlichungsverzeichnis umfasst die im Jahre 2019 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 21. Februar 2020.

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.

## **Inhaltsverzeichnis**

<b>Artikel in ISI und SCOPUS gelisteten Zeitschriften</b> . . . . .	3
<b>Artikel in anderen Zeitschriften</b> . . . . .	9
<b>UFZ-Autorenregister</b> . . . . .	10

## Artikel in ISI und SCOPUS gelisteten Zeitschriften

1. Alduraywish, S., Luzak, A., Lodge, C., Aldakheel, F., Erbas, B., Allen, K., Matheson, M., Gurrin, L., Heinrich, J., **Lehmann, I.**, von Berg, A., Standl, M., Abramson, M., Schulz, , Schulz, H., Lowe, A., Dharmage, S.C. (2019): The role of early life food sensitization in adolescent lung function: Results from 2 birth cohort studies  
*J. Allergy Clin. Immunol.-Pract.* **7** (6), 1825 - 1834.e12
2. Anselmann, S.E.L., Löffler, C., **Stärk, H.-J.**, **Jehmlich, N.**, **von Bergen, M.**, Brüls, T., Boll, M. (2019): The class II benzoyl-coenzyme A reductase complex from the sulfate-reducing *Desulfosarcina cetonica*  
*Environ. Microbiol.* **21** (11), 4241 - 4252
3. **Bauer, M.**, **Hackermüller, J.**, **Schor, J.**, **Schreiber, S.**, **Fink, B.**, **Pierzchalski, A.**, **Herberth, G.** (2019): Specific induction of the unique GPR15 expression in heterogeneous blood lymphocytes by tobacco smoking  
*Biomarkers* **24** (3), 217 - 224
4. Buettner, C., **von Bergen, M.**, **Jehmlich, N.**, Noll, M. (2019): *Pseudomonas spp.* are key players in agricultural biogas substrate degradation  
*Sci. Rep.* **9** , 12871
5. Caputo, M., Raupach-Rosin, H., Karch, A., Borte, M., **Lehmann, I.**, Liebert, U.G., Standl, M., Heinrich, J., Mikolajczyk, R.T. (2019): Vaccinations and infections are associated with unrelated antibody titers: An analysis from the German birth cohort study LISA  
*Front. Pediatr.* **7** , art. 254
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8. Geiger, R.A., Junghare, M., Mergelsberg, M., Ebenau-Jehle, C., Jesenofsky, V.J., **Jehmlich, N.**, **von Bergen, M.**, Schink, B., Boll, M. (2019): Enzymes involved in phthalate degradation in sulphate-reducing bacteria  
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AhR-dependent non-genomic signaling in macrophages - A multi-PTM-omics and proteomics study  
*Eur. J. Immunol.* **49** (Suppl. 1), 137
10. Gyllenhammar, I., Benskin, J.P., Sandblom, O., **Berger, U.**, Ahrens, L., Lignell, S., Wiberg, K., Glynn, A. (2019):  
Perfluoroalkyl acids (PFAAs) in children's serum and contribution from PFAA-contaminated drinking water  
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Disease development is accompanied by changes in bacterial protein abundance and functions in a refined model of dextran sulfate sodium (DSS)-induced colitis  
*J. Proteome Res.* **18** (4), 1774 - 1786
12. Hartmann, T., **Bernt, M.**, Middendorf, M. (2019):  
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An in-depth multi-omics analysis in RLE-6TN rat alveolar epithelial cells allows for nanomaterial categorization  
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15. Ke, X., Walker, A., **Haange, S.-B.**, Lagkouvardos, I., Liu, Y., Schmitt-Kopplin, P., **von Bergen, M., Jehmlich, N.**, He, X., Clavel, T., Cheung, P.C.K. (2019):  
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16. **Klös, M., Thürmann, L., Bauer, M.**, Heinrich, J., Standl, M., von Berg, A., Schaaf, B., Weichenhan, D., Mücke, O., Plass, C., **Röder, S., Herberth, G.**, Sack, U., Borte, M., Stangl, G.I., Eils, R., **Trump, S., Lehmann, I.** (2019): Longitudinal trends of serum IgE and *IL5RA* expression throughout childhood are associated with asthma but not with persistent wheeze  
*Allergy* **74** (10), 2002 - 2006
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*Eur. J. Immunol.* **49** (Suppl. 1), 232
18. Li, Y., Kocot, K.M., Tassia, M.G., Cannon, J.T., **Bernt, M.**, Halanych, K.M. (2019): Mitogenomics reveals a novel genetic code in Hemichordata  
*Genome Biol. Evol.* **11** (1), 29 - 40
19. Mäki, J., Kirjavainen, P., Täubel, M., Remes, S., Hyvärinen, A., Heinrich, J., **Herberth, G.**, Standl, M., Pekkanen, J., Karvonen, A. (2019): Influence of dog keeping on indoor dust microbiota  
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25. Santos, S., Voerman, E., Amiano, P., Barros, H., Beilin, L.J., Bergström, A., Charles, M.-A., Chatzi, L., Chevrier, C., Chrousos, G.P., Corpeleijn, E., Costa, O., Costet, N., Crozier, S., Devereux, G., Doyon, M., Eggesbø, M., Fantini, M.P., Farchi, S., Forastiere, F., Georgiu, V., Godfrey, K.M., Gori, D., Grote, V., Hanke, W., Hertz-Pannier, I., Heude, B., Hivert, M.-F., Hryhorczuk, D., Huang, R.-C., Inskip, H., Karvonen, A.M., Kenny, L.C., Koletzko, B., Küpers, L.K., Lagström, H., **Lehmann, I.**, Magnus, P., Majewska, R., Mäkelä, J., Manios, Y., McAuliffe, F.M., McDonald, S.W., Mehegan, J., Melén, E., Mommers, M., Morgen, C.S., Moschonis, G., Murray, D., Ní Chaoimh, C., Nohr, E.A., Nybo Andersen, A.-M., Oken, E., Oostvogels, A.J.J.M., Pac, A., Papadopoulou, E., Pekkanen, J., Pizzi, C., Polanska, K., Porta, D., Richiardi, L., Rifas-Shiman, S.L., Roeleveld, N., Ronfani, L., Santos, A.C., Standl, M., Stigum, H., Stoltenberg, C., Thiering, E., Thijss, C., Torrent, M., Tough, S.C., Trnovec, T., Turner, S., van Gelder, M.M.H.J., van Rossem, L., von Berg, A., Vrijheid, M., Vrijkotte, T.G.M., West, J., Wijga, A.H., Wright, J., Zvinchuk, O., Sørensen, T.I.A., Lawlor, D.A., Gaillard, R., Jaddoe, V.W.V. (2019):  
Impact of maternal body mass index and gestational weight gain on pregnancy complications: An individual participant data meta-analysis of European, North American and Australian cohorts  
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30. **Schubert, K.**, Schor, J., Kratochvil, I., Hackermüller, J., von Bergen, M. (2019):  
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*Eur. J. Immunol.* **49** (Suppl. 1), 141
31. Thürmann, L., **Herberth, G.**, Rolle-Kampczyk, U., Röder, S., Borte, M., **von Bergen, M.**, Lehmann, I., Trump, S. (2019):  
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Widespread soil bacterium that oxidizes atmospheric methane  
*Proc. Natl. Acad. Sci. U.S.A.* **116** (17), 8515 - 8524
33. Voerman, E., Santos, S., Inskip, H., Amiano, P., Barros, H., Charles, M.-A., Chatzi, L., Chrousos, G.P., Corpeleijn, E., Crozier, S., Doyon, M., Eggesbo, , Eggesbø, M., Fantini, M.P., Farchi, S., Forastiere, F., Georgiu, V., Gori, D., Hanke, W., Hertz-Pannier, I., Heude, B., Hivert, M.-F., Hryhorczuk, D., Iniguez, C., Karvonen, A.M., Kupers, L.K., Lagström, H., Lawlor, D.A., **Lehmann, I.**, Magnus, P., Majewska, R., Mäkelä, J., Manios, Y., Mommers, M., Morgen, C.S., Moschonis, G., Nohr, E.A., Nybo Andersen, A.-M., Oken, E., Pac, A., Papadopoulou, E., Pekkanen, J., Pizzi, C., Polanska, K., Porta, D., Richiardi, L., Rifas-Shiman, S.-L., Roeleveld, N., Ronfani, L., Santos, A.C., Standl, M., Stigum, H., Stoltenberg, C., Thiering, E., Thijs, C., Torrent, M., Trnovec, T., van Gelder, M.M.H.J., van Rossem, L., von Berg, A., Vijheid, M., Wijga, A., Zvinchuk, O., Sørensen, T.I.A., Godfrey, K., Jaddoe, V.W.V., Gaillard, R. (2019):  
Association of gestational weight gain with adverse maternal and infant outcomes  
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34. Voerman, E., Santos, S., Patro Golab, B., Amiano, P., Ballester, F., Barros, H., Bergström, A., Charles, M.-A., Chatzi, L., Chevrier, C., Chrousos, G.P., Corpeleijn, E., Costet, N., Crozier, S., Devereux, G., Eggesbø, M., Ekström, S., Fantini, M.P., Farchi, S., Forastiere, F., Georgiu, V., Godfrey, K.M., Gori, D., Grote, V., Hanke, W., Hertz-Pannier, I., Heude, B., Hryhorczuk, D., Huang, R.-C., Inskip, H., Iszatt, N., Karvonen, A.M., Kenny, L.C., Koletzko, B., Küpers, L.K., Lagström, H., **Lehmann, I.**, Magnus, P., Majewska, R., Mäkelä, J., Manios, Y., McAuliffe, F.M., McDonald, S.W., Mehegan, J., Mommers, M., Morgen, C.S., Mori, T.A., Moschonis, G., Murray, D., Ní Chaoimh, C., Nohr, E.A., Nybo Andersen, A.-M., Oken, E., Oostvogels, A.J.J.M., Pac, A., Papadopoulou, E., Pekkanen, J., Pizzi, C., Polanska, K., Porta, D., Richiardi, L., Rifas-Shiman, S.-L., Ronfani, L., Santos, A.C., Standl, M., Stoltzenberg, C., Thiering, E., Thijs, C., Torrent, M., Tough, S.C., Trnovec, T., Turner, S., van Rossem, L., von Berg, A., Vrijheid, M., Vrijkotte, T.G.M., West, J., Wijga, A., Wright, J., Zvinchuk, O., Sørensen, T.I.A., Lawlor, D.A., Gaillard, R., Jaddoe, V.W.V. (2019):  
Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis  
*PLoS Med.* **16** (2), e1002744
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High-sensitivity C-reactive protein and allergic endpoints in German adolescents  
*Int. Arch. Allergy Immunol.* **179**, 152 - 157

### Artikel in anderen Zeitschriften

36. **Haange, S.-B., Jehmlich, N., Jacobi, T., von Bergen, M.** (2019):  
Chancen und Risiken von Metaproteomik in der Mikrobiomforschung. Opportunities and  
pitfalls of metaproteomics in microbiome research  
*Adipositas - Ursachen, Folgeerkrankungen, Therapie* **13** (4), 205 - 213

## UFZ-Autorenregister

### B

---

Bauer, M.	3, 16
Berger, U.	10
Bernt, M.	7, 12, 18

### E

---

Engelmann, B.	27
---------------	----

### F

---

Fink, B.	3
Franck, U.	24
Fritz-Wallace, K.	27

### G

---

Großkopf, H.	9
--------------	---

### H

---

Haange, S.-B.	11, 15, 36
Hackermüller, J.	3, 30
Herberth, G.	3, 16, 19, 20, 22, 26, 27, 31, 35
Huhn, S.	21

### J

---

Jehmlich, N.	2, 4, 8, 11, 15, 27, 32, 36
--------------	-----------------------------

### K

---

Karkossa, I.	14
Klös, M.	16
Kratochvil, I.	17, 30
Krause, J.L.	27

### L

---

Lehmann, I.	1, 5, 6, 13, 16, 25, 33, 34
Liu, Z.	27

### M

---

Müller, S.	27
------------	----

**P**

---

Pierzchalski, A. 3

**R**

---

Röder, S. 16, 22, 31  
Rolle-Kampczyk, U. 22, 27, 31

**S**

---

Schäpe, S.S. 27  
Schattenberg, F. 27  
Schmidt, J.R. 28  
Scholz, S. 23  
Schor, J. 3, 30  
Schreiber, S. 3  
Schubert, K. 9, 14, 17, 28, 29, 30  
Stärk, H.-J. 2

**T**

---

Thürmann, L. 16  
Trump, S. 16

**V**

---

von Bergen, M. 2, 4, 8, 9, 11, 14, 15, 17, 22, 27, 28, 30, 31, 32, 36

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