



Publications- the Environmental Pollutant Laboratory UNN

Peer reviewed publications:

- Bjørke-Monsen, A.L., Holstad, K., Huber, S., Averina, M., Bolann, B.J., Brox, J. "PFAS exposure is associated with an unfavourable metabolic profile in infants six months of age" *Environment International* 2024; Volume 193 <https://doi.org/10.1016/j.envint.2024.109121>
- Mwapasa, M., Xu, S., Chakhame, B.M., Maluwa, Rollin, H., A., Choko, A., Huber, S., Odland, J.Ø. "Serum Concentrations of Selected Poly- and Perfluoroalkyl Substances (PFASs) in Pregnant Women and Associations with Birth Outcomes. A Cross-Sectional Study from Southern Malawi", *POLS Global Public Health* 2024, Volume 4:11. <https://doi.org/10.1371/journal.pgph.0003521>
- Averina M., Huber S., Bjørke-Monsen A.L., Eggesbø, M., Sabaredzovic A., Bolann B.J. «Alarmerende høye miljøgiftnivåer i blodet hos norske barn» *Tidsskrift for den norske legeforening* 2024, Volum 144, Hefte 12 DOI: [10.4045/tidsskr.24.0423](https://doi.org/10.4045/tidsskr.24.0423)
- Bolann, B.J., Bjørke-Monsen, A.L., Averina, M., Brox, J., Eggesbø, M., Hokstad, I., Huber, S. «Helsefarlige stoffer på avveie» *Tidsskrift for den norske legeforening* 2024, Volum 144, Hefte 11 DOI: <https://doi.org/10.4045/tidsskr.24.0295>
- Adlard, B., Bonefeld-Jørgensen, E.C., Dudarev, A.A., Olafsdottir, K., Abass, K., Averina, M., Ayotte, P., Berner, J., Byrne, S., Caron-Beaudoin, E., Drysdale, M., Dumas, P., Garcia-Barrios, J., Gyllenhammar, I., Laird, B., Lemire, M., Aker, A., Lignell, S., Long, M., Norström, K., Packull-McCormick, S., Skaalum Petersen, M., Ratelle, M., Rautio, A., Timmerman, A., Toft, G., Weihe, P., Haugdahl Nøst, T., Wennberg, M. «Levels and trends of persistent organic pollutants in human populations living in the Arctic» *International Journal of Circumpolar Health* 2024, Volum 83:1, DOI: <https://doi.org/10.1080/22423982.2024.2392405>
- Huber, S., Michel, J., Reijnen, M., Averina, M., Bolann, B.J., Odland, J.Ø., Hansen, S., Brox, J. «A Fast-Forward Dilute-and-Shoot Multielement Method for Analysis of 33 Elements in Human Whole Blood, Serum, and Urine by Inductively Coupled Plasma Mass Spectrometry: A Streamlined Approach for Clinical Diagnostic and Biomonitoring» *Journal of Analytical Methods in Chemistry* 2024, Volum 1, DOI: doi.org/10.1155/2024/9944995
- Bjørke-Monsen, A.L., Averina, M., Hokstad, I., Eggesbø, M., Huber, S., Bolann, B.J., Brox, J. «Interessegruppe for miljøgifter og folkehelse» *Tidsskrift for den norske legeforening* 2024, Volum 144, Hefte 7 DOI: [10.4045/tidsskr.24.0225](https://doi.org/10.4045/tidsskr.24.0225)
- Hansen, S., Xu, S., Huber, S., Álvarez, M.V., Odland, J.Ø. «Profile of per- and polyfluoroalkyl substances, source appointment, and determinants in Argentinean postpartum women» *The Science of The Total Environment*, 2024, 915(Pt 3):170096; DOI: [10.1016/j.scitotenv.2024.170096](https://doi.org/10.1016/j.scitotenv.2024.170096)
- Averina, M., Huber, S., Almås, B., Brox, J., Jacobsen, B.K., Furberg, A.-S., Grimnes, G. "Early menarche and other endocrine disrupting effects of per- and polyfluoroalkyl substances (PFAS) in adolescents from Northern Norway: the Fit Futures study." *Environmental Research* 2023; Volume 243, 117703 <https://doi.org/10.1016/j.envres.2023.117703>
- Bolann, B, Huber, S., Averina, M., Eggesbø, M., Hokstad, I., Brox, J., Ørebech, P., Bjørke-Monsen, A.L. "Should we eat more fish – or less?" *Tidsskrift for den norske legeforening* 2023, Volum 143, Hefte



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- Charles, D., Berg, V., Nøst, T.H., Wilsgaard, T., Bergdahl, I.A., Huber, S., Ayotte, P., Averina, M., Sandanger, T. M., Rylander, C. "Polybrominated diphenyl ethers in type 2 diabetes mellitus cases and controls: Repeated measurements prior to and after diagnosis" *International Journal of Hygiene and Environmental Health* 2023; Volume 249, 114148. <https://doi.org/10.1016/j.ijheh.2023.114148>
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- Bresson, S. E., Isom, S., Jensen, E.T., Huber, S., Oulhote, Y., Rigdon, J., Lovato, J., Liese, A.D., Pihoker, C., Dabelea, D., Ehrlich, S., Ruzzin, J.N.M. "Associations between persistent organic pollutants and type 1 diabetes in youth." *Environment International* 2022; Volume 163, 107175 <https://doi.org/10.1016/j.envint.2022.107175>
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- Bjørke-Monsen, A.L., Huber, S., Averina, M., Brox, J., Bolann, B.J. «Tran inneholder også miljøgifter» *Tidsskrift for Den norske legeförening* 2021; doi: 10.4045/tidsskr.20.1037



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Reports:

- Odland, J.Ø., Xu, S., Huber, S., Dumas, P. "Persistent Organic Pollutants (POPs) in Human Samples from The MISA study (Northern Norway)." Norwegian Environment Agency 2021
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Master thesis:

Tetyana Voloshyna *“A study on the interactions between perfluorosulfonic acids and P-glycoprotein in the Caco-2 cell line model”*, Master thesis in Biomedicine (MBI-3911), UiT The Arctic University of Norway 2021; supervisor Erik Dietrichs, Aina Westrheim Ravna, Ole-Martin Fuskevåg and Sandra Huber

Sofie Vibe *“A systematic review of association between organic environmental pollutants and testicular cancer”*, Master thesis in Medicine (MED-3950), UiT The Arctic University of Norway 2020; supervisor Maria Averina and Sandra Huber

Jorunn Berntzen *«Er det en kausal sammenheng mellom fedme og diabetes type 2 og miljøgifter?»*
Master thesis in Medicine (MED-3950), UiT The Arctic University of Norway 2018; supervisor Maria Averina and Mikhail Sovershæv