

Paul M. Bradley, Kristin M. Romanok, Kelly L. Smalling, Michael J. Focazio, Nicola Evans, Suzanne C. Fitzpatrick, Carrie E. Givens, Stephanie E. Gordon, James L. Gray, Emily M. Green, Dale W. Griffin, Michelle L. Hladik, Leslie K. Kanagy, John T. Lisle, Keith A. Loftin, R. Blaine McCleskey, Elizabeth K. Medlock-Kakaley, Ana Navas-Acien, David A. Roth, Paul South, **Christopher P. Weis**, Bottled water contaminant exposures and potential human effects, *Environment International* Volume 171, 2023. 107701, ISSN 0160-4120,<https://doi.org/10.1016/j.envint.2022.107701>.

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Paul M. Bradley, Kristin M. Romano,Kelly L. Smalling, Michael J. Focazio, Robert, Charboneau Christine Marie George,Ana Navas-Acien, Marcia O'Leary, Reno Red Cloud, Tracy Zacher, Sara E. Breitmeyer, Mary C. Cardon, Christa K. Cuny, Guthrie Ducheneaux, Kendra Enright, Nicola Evans, James L. Gray, David E. Harvey, Michelle L. Hladik, Leslie K. Kanagy, Keith A. Loftin, R. Blaine McCleskey, Elizabeth K. Medlock-Kakaley, Shannon M. Meppelink, Joshua F. Valder, and **Christopher P. Weis**. Tapwater Exposures, Effects Potential, and Residential Risk Management in Northern Plains Nations. *American Chem. Soc EST Water* **2022**, 2, 10, 1772–1788 Publication Date:September 26, 2022 <https://doi.org/10.1021/acsestwater.2c00293>

Bradley,P.M., Argos, M., Kolpin,D.W., Meppelink,S.M., Romanok,K.M, Smalling,K.L., Focazio,M.J., Allen,J.M., Dietze,J.E., Devito, M.J., Donovan, A.R., Evans, N., Givens,C.E., Gray, J.L., Higgins, C.P., Hladik, M.L., Iwanowicz, I.R., Journey,C.A., Lane, R.F., Laughrey, Z.R., Loftin, K.A., McCleskey,R.B., McDonough, C.A., Medlock-Kakaley, E., Meyer,M.T., Putz, A.R., Richardson, S.D., Stark, A.E., **Weis, C.P.**, et al. (2020) Mixed organic and inorganic tapwater exposures and potential effects in greater Chicago area, USA. *Science of the Total Environment* 719 (**2020**) 137236.

Romanok, K.M., Kolpin, D.W., Meppelink, S.M., Focazio, M.J., Argos, M., Holligsworth, M.E., McCleskey, R.B., **Weis, C.P.**, Abderrahman, Z., and Bradley, P.M., (**2018**) Concentrations of lead and other inorganic constituents in raw intake and treated drinking water from the municipal water filtration plant and residential tap water in East Chicago, Indiana. <https://doi.org/10.3133/ofr20181071>

- Romanok, K.M., Kolpin, D.W., Meppelink, S.M., Argos, M., Brown, J.B., DeVito, M.J., Dietze, J.E., Givens, C.E., Gray, J.L., Higgins, C.P., Hladik, M.L., Iwanowicz, L.R., Loftin, K.A., McCleskey, R.B., McDonough, C.A., Meyer, M.T., Strynar, M.J., **Weis, C.P.**, Wilson, V.S., and Bradley, P.M., **2018**, Methods used for the collection and analysis of chemical and biological data for the Tapwater Exposure Study, United States, 2016–17: U.S. Geological Survey Open-File Report 2018–1098, 79 p., <https://doi.org/10.3133/ofr20181098>.
- Wolf, C., Buck, B., Miller, A., **Weis, C.**, Weisman, D., Jonesi, A, Ryan, P. **(2017)** Exposure to naturally occurring mineral fibers due to off-road vehicle use: A review. *Inter. J. of Hygiene and Environmental Health* 220 (2017) 1230-1241.
- Tickner, J., **Weis, C.P.**, Jacobs, M. **(2017)** Alternatives assessment: new ideas, frameworks and policies. *J. Epidemiology and Community Health*. <http://dx.doi.org/10.1136/jech-2016-207810>
- Wood, CS, **Weis, CP**, Caro, CM, Roe, A. **(2016)** A practice analysis of toxicology. *Regul Toxicol Pharmacol*. 2016 Dec;82:140-146. doi: 10.1016/j.yrtph.2016.09.017. Epub 2016 Sep 16.
- Harper, M., **Weis, C**, Pleil, J. et al.. **(2014)** Commentary on a comprehensive vision and strategy for the discipline of exposure science. *J. Exp. Sci. and Env. Epi*. 2015 Jul-Aug;25(4):381-7. doi: 10.1038/jes.2014.91. Epub 2015 Feb 11
- Schug, T.T., Johnson, A.F., Balshaw, D.M., Grarantziotis, S., Walker, N.J., **Weis, C.P.**, Birnbaum, L.S. **(2013)**, ONE Nano: NIEHS's strategic initiative on the health and safety effects of engineered nanomaterials. *Env. Health Perspect*: 121(4) 410-414.
- Casteel, S.W., **Weis, C.P.** Henningsen, G.M., and Brattin, W.J. **(2006)** Estimation of Relative Bioavailability of Lead in Soil and Soil-Like Materials Using Young Swine. *Env. Health Persp*. 114(8) 1162-1171.
- Peipins, L.A., Lewin, M., Campolucci, S., Lybarger, J.A., Miller, A., Middleton, D., **Weis, C.P.**, Spence, M., Black, B., Kapil, V., **(2003)** Radiographic abnormalities and exposure to asbestos-contaminated vermiculite in the community of Libby, Montana, US. *Env. Health Persp*. 2003, 111(14):1753-9.
- Weis, C.P.**, Intrepido, J., Miller, A.K., Cowin, P.G., Durno, M.A., Gebhardt, J.S. and Bull, R., **(2002)** Secondary aerosolization of viable *Bacillus anthracis* spores in a contaminated US Senate office. *JAMA* Vol. 288, No. 22 pp. 2853-8.
- Stan Casteel, Tim Evans, Jim Turk, Nick Basta, **Chris Weis**, Gerry Henningsen, Eva Hoffman, Refining the risk assessment of metal-contaminated soils, *International Journal of Hygiene and Environmental Health*, Volume 203, Issues 5–6, **2001**, Pages 473-474, ISSN 1438-4639, <https://doi.org/10.1078/1438-4639-00049>.
- Casteel, S.W. **Weis, C.P.**, et al. **(1996)**. A Swine Model for Determining the Bioavailability of Lead from Contaminated Media. In: Tumbleson, M.E., Schook, L.B. (eds) *Advances in Swine in Biomedical Research*. Springer, Boston, MA. https://doi.org/10.1007/978-1-4615-5885-9_19

- Weis, C. P.**, Poppenga, R. H., Thacker, B. J., and Henningsen, G. M. **(1994)** Design of pharmacokinetic and bioavailability studies of lead in an immature swine model, LEAD IN PAINT, SOIL, AND DUST: HEALTH RISKS, EXPOSURE STUDIES, CONTROL MEASURES, MEASUREMENT METHODS, AND QUALITY ASSURANCE, ASTM STP 1226, M. E. Beard and S. A. Iske, Eds., American Society for Testing and Materials, Philadelphia, 19103-1187
- Weis, C.P.** and LaVelle, J.M. (1991) Characteristics to consider when choosing an animal model for the study of lead bioavailability. In: The Proceedings of the International Symposium on the Bioavailability and Dietary Uptake of Lead. Science and Technology Letters 3:113-119.
- Weis, C. P.** and Haug, A. **(1988)** Altered Membrane Dynamics in Human Red Blood Cell White Ghosts Induced by Aluminum. *Thrombosis Research* 54:141-149.
- Yuan, S., **Weis, C.** and Haug, A. **(1987)** Calmodulin, a Crucial Regulatory Protein, as an Aluminum Chelator. *Proceedings of the 194th Meeting of the American Chemical Society, Division of Environmental Chemistry*. Volume 27, 373-376.
- Suhayda, C. G., **Weis, C. P.** and Haug, A. **(1987)** pH Related Changes in Maize Root Plasma Membranes. *Commun. Soil Sci. and Plant Annal.*
- James E Mahaney, **Christopher P Weis**, Charles M Grisham, Howard Kutchai, Antibodies against the 53 kDa glycoprotein inhibit the rotational dynamics of both the 53 kDa glycoprotein and the Ca²⁺-ATPase in the sarcoplasmic reticulum membrane, (1991) *Biochimica et Biophysica Acta (BBA) - Biomembranes*, Volume 1064, Issue 1, Pages 55-68, ISSN 0005-2736, [https://doi.org/10.1016/0005-2736\(91\)90411-Z](https://doi.org/10.1016/0005-2736(91)90411-Z).
- Howard Kutchai, Kimberly Boyd, Qing Xu, **Christopher P Weis**, Influence of the 53 kDa glycoprotein on the cooperativity of the Ca²⁺-ATPase of the sarcoplasmic reticulum, *Biochimica et Biophysica Acta (BBA) - Biomembranes*, Volume 1064, Issue 1, 1991, Pages 49-54, ISSN 0005-2736, [https://doi.org/10.1016/0005-2736\(91\)90410-A](https://doi.org/10.1016/0005-2736(91)90410-A).
- C.G. Suhayda, **C. Weis**, B. Shi & A. Haug **(1988)** pH-related changes in maize root plasma membranes, *Communications in Soil Science and Plant Analysis*, 19:7-12, 1165-1175, DOI: [10.1080/00103628809368003](https://doi.org/10.1080/00103628809368003)
- Weis, C. P.** and Haug, A. **(1987)** Aluminum Damages the Calmodulin-Melittin Interface. *Arch. Biochem. Biophys.* 254:304-312.
- Haug, A. and **Weis, C.P.** **(1986)** Aluminum Induced Conformational Changes in Calmodulin. In: *Molecular and Cellular Aspects of Calcium in Plant Development*, A. J. Trewavas, ed., Plenum Press, pp. 19-25.