Curriculum Vitae

Ph.D. JANA M. WEISS

Personal information

First name(s) / Surname(s)	**Weiss, Jana Melinda**
Address(es)	Bryggargatan 3, 11121 Stockholm
Telephone(s)	+ 46 (0)73 3706363 +46 (0)8 162212
E-mail	jana.weiss@aces.su.se jana@weiss.se
Nationality	Swedish
Date of birth	13th of July 1973 (Swedish pers. Nr. 730713-0380)
Gender	Female
URL for websites	http://www.aces.su.se/staff/jana-weiss/ https://www.researchgate.net/profile/Jana_Weiss https://nl.linkedin.com/in/jana-weiss-b67bb29

Work experience

Dates	**01.10.2012-ongoing**
Occupation or position held	Senior Researcher (20% from 2012, 40% from 2015 and 100% from 2019)
Name and address of employer	**Department of Environmental Science and Analytical Chemistry (ACES), Stockholm University, Stockholm, Sweden**
Main activities and responsibilities	Employed as senior researcher, supervisor, teacher and project manager of the FORMAS projects MiSSE (Mixture assessment of endocrine disrupting compounds in the indoor environment, www.aces.su.se/misse/) and RiskMix (Risk modeling of mixtures of endocrine disrupting chemicals relevant to human exposure, using zebrafish (Danio rerio) embryo as model organism. www.aces.su.se/riskmix/). Teaching in environmental chemistry (analytical and organic chemistry), toxicology (endocrine disruption), risk assessments of chemicals, and national/international chemical regulation.
Type of business or sector	Academia
Dates	**01.04.2016-31.03.2019**
Occupation or position held	Senior Researcher (60%)
Name and address of employer	**Department of Aquatic Sciences and Assessment, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden**

Main activities and responsibilities	Employed as senior researcher, teacher and project management of e.g. the FORMAS project APPLICERA - applicable site-specific environmental risk assessment of contaminated soils (http://projects.swedgeo.se/APPLICERA/) and source finding of poly- and perfluoroalkyl substances in Skellefteå municipality (SE) financially supported by SE EPA. Teaching in fugacity, risk assessments of chemicals, introduction to environmental chemistry.
Type of business or sector	Academia
Dates	**01.10.2011-30.09.2015**
Occupation or position held	Senior Researcher (80%)
Name and address of employer	**Institute for Environmental Studies (IVM), VU University, Amsterdam., The Netherlands** (Prof. Jacob de Boer's group)
Main activities and responsibilities	Employed as researcher and project manager to contribute to the implementation of national and international projects and to acquire competitive projects to the institute. Projects where the applicant have had a central role in are e.g. PERFOOD (investigating the presence and behaviour of per- and polyfluoroalkyl substances in our surrounding environment and food), PHARMAS (performing a human health risk assessment of antibiotics and anti-cancer drugs found in the environment). Her double employment at Stockholm University at the time gave a her a ovebridging role between the groups and she was the scientific manager of the MiSSE project at both institutes (Mixture assessment of endocrine disrupting compounds in the indoor environment). She was involved in the SUPFES project (Substitution in practice of prioritized fluorinated chemicals to eliminate diffuse sources) where she is still co-promiting a PhD student (Ike van der Veen). She had a central role in the administration of A EU FP7 financed project CleanSea with 17 European partners. Additional work performed was in the field of identification of emerging contaminants, effect-directed analysis (EDA) and mixture toxicity. She also participated in the expert working group in United Nations Environment Programme (UNEP) Global Monitoring Programme (GMP) on PFOS analysis in water and was responsible of the reporting of accredited analysis of PFAS to authorities and other institutes.
Type of business or sector	Academia
Dates	**01.05.2009-30.09.2011**
Occupation or position held	Scientific Researcher
Name and address of employer	**European Commission, Joint Research Centre, Institute for Environment and Sustainability, Ispra (Va), Italy** (Dr. Gunther Umlauf's group)
Main activities and responsibilities	Main task was to implement an ongoing project, supporting the Global Monitoring Network Plan under the Stockholm Convention to facilitate the monitoring of POPs and their world-wide distribution. Except working with well known analytical tools such as GC/MS and other laboratory techniques (GPC, SPE, LC etc), the dataset produced was geographically evaluated to calibrate the theoretical model.
Type of business or sector	Service of the European Commission
Dates	**01.02.2007-30.04.2009**
Occupation or position held	Scientific Researcher
Name and address of employer	**Institute for Environmental Studies (IVM), VU University, Amsterdam., the Netherlands** (Prof. Jacob de Boer's group)

Main activities and responsibilities	Employed as an analytical/environmental chemist to support the Water Framework Directive with the aim to identify chemical key-toxicants in European water systems. This was performed by the Effect-Directed Analysis (EDA) approach, combining chemistry and toxicology to isolate effect-causing compounds for identification. I broadened my knowledge within the field of toxicology and worked with the performance of bioassays and interpretation of the results (e.g. TTR-binding, AR/ER-calux, UmuC etc.), which guides the fractionation steps to simplify the complex mixture in an environmental sample. Much focus was put on the identification of the effect-causing compounds, using complementary analytical techniques (e.g. GC/MS, LC/MS, LTQ-Orbitrap)
Type of business or sector	Academia

Education and training

Dates	**2019**
Title of qualification awarded	Associate professor (Docent in Swedish) in environmental chemistry Docent lecture entitled "Risk assessment of endocrine disrupting compounds" 9 September 2019
Organisation	Department of Environmental Science and Analytical Chemistry, Stockholm University
Dates	**2001-2006**
Title of qualification awarded	Doctor of Philosophy Thesis title "Human exposure to persistent organic pollutants – Illustrated by four case studies in Europe". Supervisor Prof. Åke Bergman
Organisation	Department of Environmental Chemistry, Stockholm University
Dates	**2000-2001**
Title of qualification awarded	Bachelor Thesis title "PCDD/Fs and related contaminants in butter samples originating from 39 countries worldwide" performed at ERGO Forschungsgesellschaft, Hamburg, Germany. Supervisor Prof. Åke Bergman
Organisation	Department of Environmental Chemistry, Stockholm University

Projects and organisations

Grants	2019-2023 – PI for RiskMix, FORMAS grant 2018-02264 2015-2017 – APPLICERA Tuffo project co-financed by FORMAS and Trafikverket. 2013-2016 – SUPFES FORMAS grant 2012-2148 2012-2015 – CleanSea FP7 ENV Contract-No 308370 2012-2017 – PI for MiSSE, FORMAS grant 210-2012-131 2011-2013 – PHARMAS FP7 ENV Contract-No 265346 2011-2012 – PERFOOD FP7-KBBE-2008-2B 2007-2009 – KEYBIOEFFECTs MRTN-CT-2006-035695 2007-2009 – MODELKEY FP6 Contract-No. 511237, GOCE 2001-2006 – COMPARE Life Science Program, QLK4-CT-2000-0261
Board member	2018-2022 – The Swedish Chemical Society, unit for environmental chemistry

Since 2009 – The International Panel on Chemical Pollutants (IPCP.ch). This panel aims to be a platform for researchers to harmonize and deliver their scientifically based results to stakeholders and policy makers.

Since 2012 – The editorial board of the journal Chemosphere

Awards and scholarship

2012 – Finalist in CEFIC-LRI Innovative Science Award

2005 - Wallenberg foundation special anniversary fund

2004 - C.F. Liljevalchs Junior scholarship

2004 - Otto Hutzinger Student Presentation Award at Dioxin 2004 conference in Berlin, Germany

2002 - Wallenberg foundation special anniversary fund

2001 - Student Presentation Award at Dioxin 2001 conference in Gyengjo, Korea

2000 - Anna Whitlock memorial fund

Conferences and workshops

Jana has been actively participating in numerous international conferences, workshops and meetings, e.g. Dioxin (2001 South Korea, 2004 Germany, 2006 Norway, 2008 United Kingdom, 2015 Brazil, 2017 Vancouver), SETAC (2008 Poland, 2009 Sweden, 2011 Italy, 2012 Berlin; 2013 Glasgow, 2017 Brussels), BFR (2001 Sweden, 2004 Canada, 2007 The Netherlands), Norman workshops (2007 The Netherlands, 2011 Sweden, 2012 Norway), NECC (Reykjavik 2014), ICWRER (Koblenz 2013), PCB Workshop (2006 Poland), ICCE (2009 Sweden), EEA (Copenhagen 2011), CEST (Athens 2013), etc.

Invited speaker

2017 – Chemstrres annual Sino-Swedish workshop, Hangzhou, China

2014 – Cocktail workshop at the Swedish National Food Agency, Uppsala, Sweden

2012 – Workshop on screening and monitoring of environmental pollutants, IVL, Stockholm Sweden

2012 - Norman Workshop, NIVA, Oslo, Norway

2010 - The IV International Workshop on Pollutants in the Environment, Rio de Janeiro, Brazil

2007 - The 3rd Norman workshop, Amsterdam, The Netherlands

2006 - UNIS (University Centre in Svalbard), Longyearbyen, Norway

Opponent

2020 – External pre-review to PhD student Marina Cerasa, Department of Chemistry, University of Rome, Italy. PhD thesis was entitled “Study of innovative adsorbents aimed at investigating organic micropollutants in environmental matrices”.

2020 – Examining committee member of Florian Dubocq thesis defense, at Örebro University. PhD thesis was entitled “Optimizing nontarget workflows for identification of organic contaminants in various matrices”.

2018 – Internal review to PhD student Ellen Ingre-Kahns, ACES, Stockholm University. PhD thesis was entitled “Transparency within REACG?: Regulatory risk assessment of industrial chemicals”.

	2018 – Main-opponent to student Winnie Nassazzi. Master's Thesis in Environmental science Soil and Water Management was entitled "Removal of poly- and perfluoroalkyl substances from water using the BDD electrode". 2017 – Main-opponent to PhD student Jean Fromment, NIVA and University in Oso (UiO), Oslo, Norway. Thesis was entitled "High-throughput EDA – automated approaches to directly link fractionation, biotesting and identification".
Supervision	
Doctoral students	Planned defense 2023. Josefin Engelhardt, ACES, Stockholm University, Sweden. Main supervisor. Planned defense 2021. Ike van der Veen, Vu University, Amsterdam, The Netherlands. Co-supervisor. Planned defense 2021. Frank Menger, SLU Uppsala, Sweden. Co-supervisor. Planned defense 2022. Kumelachew Mulu Loha, VU University, Amsterdam, The Netherlands. Co-supervisor. 2020. Johannes Pohl, SLU, Uppsala, Sweden. Co-supervisor. Defended his licentiate 2018. 2020. Martin Brits, shared degree between VU University, Amsterdam, The Netherlands and NMISA, Pretoria, South Africa. Co-supervisor. 2018 Cornelius Rimayi, shared degree between VU University, Amsterdam, The Netherlands and University of Witwatersrand, Johannesburg, South Africa. Co-supervisor.
Master students	2017 Kyra Spaan, Stockholm University, Sweden. 2017 and 2019 Madeleine Öst (literature and practical), Stockholm University, Sweden. 2017 Natalia Fijol, Stockholm University, Sweden. 2012 Marie-Léonie Bohlen, VU University, Amsterdam, The Netherlands 2005 Ylva Ekheden, Stockholm University, Sweden.
Outreaching activities	
	2019 – organizing the yearly workshop from The Swedish Chemical Society, 27 March 2019, SLU, Uppsala. Theme "Future foods". 2018 – Review of the SIN-list from ChemSec, focusing on the endocrine disrupting compounds for Byggvarubedömningen. Byggvarubedömningen is a non profit organization owned by large constructors and property owners in Sweden. They wanted an expert judgement and report on ChemSecs strategy and quality of the SIN-list. 2017 - Organizing the Screening workshop for the Swedish Environmental Protection agency 2017, SLU, Uppsala 2012-2018 MiSSE project was interview in several media during sources which is summarized in the webpage of the project https://www.aces.su.se/misse/media. 2010 - Afterword and technical review of the translation from English to Swedish of the book "Slow death of rubber duck" by Rick Smith and Bruce Lourie 2010. Ica Bokförlag, Malmö Sweden 2007 - Organizing the 3rd Norman workshop, Amsterdam, The Netherlands

Publication list

Peer reviewed articles published in international journals, reports of relevance and chapters in books with international coverage

1. Weiss, J.M., Jones, B., Koekkoek, J., Bignert, A., Lamoree, M.H. **20XX.** Per- and polyfluoroalkyl substances (PFASs) in Swedish household dust and exposure of pet cats. Accepted for publication in *Environmental Science and Pollution Research*
2. van der Veen, I., Hanning, A-C., Stare, A., Leonards, P.E.G., de Boer, J., Weiss, J.M. **2020**. The effect of weathering on per-and polyfluoroalkyl substances (PFASs) from durable water repellent (DWR) clothing. *Chemosphere,* 126100
3. Hamers, T., Kortenkamp, A., Scholze, M., Molenaar, D., Cenijn, P.H., Weiss, J.M. **2020**. Transthyretin-Binding Activity of Complex Mixtures Representing the Composition of Thyroid-Hormone Disrupting Contaminants in House Dust and Human Serum. *Environmental Health Perspectives*, 128 (1): 017015
4. Volchko, Y., Kleja Berggren, D., Back, P-E., Tiberg, C., Enell, A., Larsson, M., Jones, C.M., Taylor, A., Viketoft, M., Åberg, A., Dahlberg, A-K., Weiss, J., Wiberg, K., Rosén, L. **2020**. Assessing costs and benefits of improved soil quality management in remediation projects: A study of an urban site contaminated with PAH and metals. *Science of The Total Environment*. 707: 135582
5. Pohl, J., Golovko, O., Carlsson, G., Eriksson, J., Glynn, A., Örn, S., Weiss, J.M. **2020**. Carbamazepine Ozonation By-Products: Toxicity in Zebrafish (*Danio rerio*) Embryos and Chemical Stability. *Environmental Science & Technology* In press
6. Weiss, J. and Jones, B. **2020**. Book chapter: Using Cats as Sentinels for Human Indoor Exposure to Organic Contaminants and Potential Effects on the Thyroid Hormone System, in "Pets as Sentinels, Forecasters and Promoters of Human Health" pages 123-139, Springer Verlag
7. Jones, B., Engdahl Norrgran, J., Weiss, J. **2019**. Are persistent organic pollutants important in the etiology of feline hyperthyroidism? A review. *Acta Veterinaria Scandinavica*, 61(1):,45
8. Li, L., Qiu, Y., Gustafsson, Å., Krais, A., Weiss, J.M., Lundh, T., Bergman, Å. **2019**. Characterization of residential household dust from Shanghai by particle size and analysis of organophosphorus flame retardants and metals. *Environmental Sciences Europe*, 31(1):1-12
9. Brits, M., de Boer, J., Rohwer, E.R, de Vos, J., Weiss, J.M., and Brandsma, S.H. **2019**. Short-, medium-, and long-chain chlorinated paraffins in South African indoor dust and cat hair. *Chemosphere*. 238:124643 doi: 10.1016/j.chemosphere.2019.124643
10. Brits, M., Brandsma, S.H., Rohwer, E.R, de Vos, J., Weiss, J.M., and de Boer, J. **2019**. Brominated and organophosphorus flame retardants in South African indoor dust and cat hair. *Environ Pollut,* 253:120-129
11. Carlsson, G., Pohl, J., Athanassiadis, I., Norrgren, L., Weiss, J. **2019.** Thyroid disruption properties of three indoor dust chemicals tested in Silurana tropicalis tadpoles. *J Appl Toxicol*, 39:1248-1256
12. Pohl, J., Ahrens, L., Carlsson, G., Golovko, O., Norrgren, L., Weiss, J., Örn, S. **2019.** Embryotoxicity of ozonated diclofenac, carbamazepine, and oxazepam in zebrafish (Danio rerio). *Chemosphere*, 225:191-199
13. Spaan, K., Haigis, A.C., Weiss, J., Legradi J. **2019**. Effects of 25 thyroid hormone disruptors on zebrafish embryos: A literature review of potential biomarkers. *Sci Total Environ,* 15;656:1238-1249

14. Weiss, J.M., Gustafsson, Å., Gerde, P., Bergman, Å., Lindh, C.H., Krais, A.M. **2018**. Analysis of phthalate esters, DINCH and MEHP in household dust and comparison of the daily intake by inhalation and ingestion. *Chemosphere*, 208:40-49

15. Loha, K.M., Lamoree, M., Weiss, J.M., de Boer, J. **2018**. Import, disposal, and health impacts of pesticides in the East Africa Rift (EAR) zone: A review on management and policy analysis. *Crop Protection,* 112:322-331

16. Rimayi, C., Odusanya, D., Weiss, J.M., de Boer, J. and Chimuka, L. **2018**. Contaminants of emerging concern in the Hartbeespoort Dam catchment and the Umngeni River estuary 2016 pollution incident, South Africa. *Sci Total Environ,* 627:1008-1017

17. Rimayi, C., Odusanya, D., Weiss, J.M., de Boer, J., Chimuka, L. and Mbajiorgu, F. **2018**. Effects of environmentally relevant sub-chronic atrazine concentrations on African clawed frog (Xenopus laevis) survival, growth and male gonad development. *Aquat Toxicol*, 199:1-11

18. Rimayi C., Odusanya D., Weiss J.M., de Boer J., Chimuka L.. **2018**. Seasonal variation of chloro-s-triazines in the Hartbeespoort Dam catchment, South Africa*. Sci Total Environ*, 613-614:472-482

19. Brits M., Gorst-Allman P., Rohwer E.R., De Vos J., de Boer J., Weiss J.M. **2017**. Comprehensive two-dimensional gas chromatography coupled to high resolution time-of-flight mass spectrometry for screening of organohalogenated compounds in cat hair. *J Chromatogr A*, pii: S0021-9673(17)31236-0

20. Rimayi C., Chimuka L., Odusanya D., de Boer J., Weiss J.M. **2017**. Source characterisation and distribution of selected PCBs, PAHs and alkyl PAHs in sediments from the Klip and Jukskei Rivers, South Africa. *Environ Monit Assess,* 2017 Jul;189(7):327

21. Norrgran Engdahl, J., Jones, B., Athanassiadis, I., Bergman, Å., Bignert, A., Weiss, J.M. **2017**. Cats' Internal Exposure to Selected BFRs and Organochlorines Correlated to House Dust and Cat Food. *Environmental Science & Technology,* 51(5):3012-3020

22. Ouyang, X., Weiss, J.M., de Boer, J., Lamoree, M.H., Leonards, P.E. **2017**. Non-target analysis of household dust and laundry dryer lint using comprehensive two-dimensional liquid chromatography coupled with time-of-flight mass spectrometry. *Chemosphere*, 166:431-437

23. Brits, M., de Vos, J., Weiss, J.M., Rohwer, E.R, and de Boer, J. **2016**. Critical review of the analysis of brominated flame retardants and their environmental levels in Africa. *Chemosphere*, 164:174-189

24. Weiss, J.M., Lignell, S., Darnerud, P.O., Kotova, N. Human biomonitoring as a tool toward safe foods – approach at the National Food Agency in Sweden. **2016**. *European Journal of Nutrition & Food Safety*, 6(3):132-147

25. Rimayi, C.C., Chimuka, L., Odusanya, D., de Boer, J. and Weiss, J.M. **2016.** Distribution of 2,3,7,8-substituted polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofurans in the Jukskei and Klip/Vaal catchment areas in South Africa. *Chemosphere*, 145:314-321

26. Van der Veen, I., Weiss, J.M., Hanning, A-C., de Boer, J., Leonards, P.E.G. **2016.** Development and validation of a method for the quantification of extractable perfluoroalkyl acids (PFAAs) and perfluorooctane sulfonamide (FOSA) in textiles. *Talanta,* 147:8-15

27. Zhang, J., Kamstra, J., Ghorbanzadeh, M., Weiss, J.M., Hamers, T., Andersson, P. **2015.** An in silico approach to identify potential disruptors of the thyroid hormone system among currently known dust contaminants and their metabolites. *Environmental Science and Technology,* 49:10099-10107

28. Weiss, J., De Boer, J., Berger, U., Muir, D., Ruan, T., Torre, A., Smedes, F., Vrana, B., Clavien, F., Fiedler, H. **2015.** PFAS analysis in water for the Global Monitoring Plan of the Stockholm Convention – Set-up and guidelines for monitoring. UNEP Chemicals branch, Geneva. http://www.unitar.org/cwm/sites/unitar.org.cwm/files/uploads/guide_pfas_water_unep_2015.pdf

29. Weiss, J.M., Andersson, P.L., Zhang, J., Simon, E., Leonards, P.E.G., Hamers, T., Lamoree, M. **2015.** Tracing thyroid hormone disrupting compounds: database compilation and structure activity evaluation for an effect-directed analysis of sediment. *Analytical and Bioanalytical Chemistry,* 407:5625-5634

30. Schmitt, C., Lamoree, M.H., Leonards, P.E.G., Weiss J.M. and de Deckere E. **2013.** *In vivo* effect confirmation of anti-androgenic compounds in sediment contact tests with *Potamopyrgus antipodarum*. *Journal of Environmental Science and Health A*. 48:475-480

31. Weiss, J.M., van der Veen, I., van Leeuwen, S.P.J., Cofino, W., Crum, S., de Boer, J. **2013.** Perfluoroalkyl substances in environmental and food samples - analytical improvements shown over four interlaboratory studies. *Trends in Analytical Chemistry,* 43:204-216

32. Weiss, J., Mueller, A., Vives, I., Mariani, G. and Umlauf, G. **2013.** Spatial gradients of OCPs in European butter- intergrating environmental and exposure information. *Environmental Science and Pollution Research International,* 20(5):2948-2962

33. Montano, M., Weiss, J., Hoffman, L., Gutleb, A.C., Murk, A.J. **2013**. Metabolic activation of nonpolar sediment extracts results in enhanced thyroid hormone disrupting potency. *Environmental Science & Technology,* 47:8878-8886

34. Meijer, L., Martijn, A., Melessen, J., Brouwer, A., Weiss, J., Jong, F.H. de & Sauer, P.J. **2012**. Influence of prenatal organohalogen levels on infant male sexual development: sex hormone levels, testes volume and penile length. *Human Reproduction,* 27(3):867-872

35. Umbuzeiro, G., Machala, M., Weiss, J. **2011**. Diagnostic tools for effect-directed analysis of mutagens, AhR agonists, and endocrine disruptors. Book chapter in "Effect-directed analysis of complex environmental contamination". Editor W. Brack. *Handbook of Environmental Chemistry* 15:69-82

36. Weiss, J.M., Simon, Eszter., Stroomberg, G., de Boer, R., de Boer, J., Van der Linden, S., Leonards, P.E.G., Lamoree, M.H. **2011**. Identification strategy for unknown pollutants using high-resolution mass spectrometry: Androgen-disrupting compounds identified through effect-directed analysis. *Analytical and Bioanalytical Chemistry,* 400:3141-3149

37. Lübcke-von Varel, U., Machala, M., Ciganek, M., Neca, J., Pencikova, K., Vykopalova, L., Vondracek, J., Löffler, I., Streck, G., Reifferscheid, G., Flückiger-Isler, S., Weiss, J.M., Lamoree, M., Brack, W. **2011**. Polar compounds dominate in vitro effects of sediment extracts. *Environmental Science & Technology,* 45:2384-2390

38. Simon, E., Leonards, P.E.G., Balaam, J., Roberts, P., Weiss, J.M., Cenijn, P., Hamers, T., Lamoree, M., de Boer, J. **2010**. Testing endocrine disruption in biota samples: a method to remove interfering lipids and natural hormones. *Environmental Science & Technology,* 44:8322-8329

39. Weiss, J.M., Hamers, T., Thomas, K.V., Van der Linden, S., Leonards, P.E.G. Lamoree, M.H. **2009**. Masking effect of anti-androgens on androgenic activity in European river sediment unveiled by effect-directed analysis. *Analytical and Bioanalytical Chemistry,* 394:1385-1397

40. Weiss, J.M., Andersson, P.L., Lamoree, M.H., Leonards, P.E.G., van Leeuwen, S.P.J., Hamers, T. **2009**. Competitive binding of perfluorinated compounds to

the thyroid hormone transport protein transthyretin. *Toxicological Sciences,* 109(2):206-216

41. Meijer, L, Weiss, J, Van Velzen, M, Brouwer, A, Bergman, Å, Sauer, P. **2008**. Serum concentrations of neutral and phenolic organohalogens in pregnant women and some of their infants in The Netherlands. *Environmental Science & Technology* 42:3428-33

42. Weiss, J., Wallin, E., Axmon, A., Jönsson, B.A.G., Åkesson, H., Athanassiadis, I., Janak, K., Hagmar, L., Bergman, Å. **2006**. Hydroxy-PCBs, PBDEs, and HBCDDs in serum from an elderly population of swedish fishermen's wives and associations with bone density. *Environmental Science & Technology,* 40:6282-6289

43. Weiss, J., Päpke, O., Bergman, Å. **2005**. A worldwide survey of polychlorinated dibenzo-p-dioxins, dibenzofurans, and related contaminants in butter. *Ambio,* 34 (8):589-597

44. Weiss J., Päpke O., Bignert A., Jensen S., Greyerz E., Agostoni C., Besana R., Riva E., Giovannini M., Zetterström R. **2003**. Concentrations of dioxins and other organochlorines (PCBs, DDTs, HCHs) in human milk from Seveso, Milan and a Lombardian rural area in Italy: a study performed 25 years after the heavy dioxin exposure in Seveso. *Acta Paediatrica,* 92:467-472