

## CURRICULUM VITAE

### PROFESSOR, DIRECTOR, EVA CECILIE BONEFELD-JØRGENSEN



**PRESENT POSITION:** Professor, Director of Centre for Arctic Health & Molecular Epidemiology, Department for Public Health, University of Aarhus (AU), Bldg. 1260, Bartholins Allé 2, 8000 Århus C, Denmark. Home address Skåde Højgårdsvej 81, 8270 Højbjerg. Email address: [ebj@ph.au.dk](mailto:ebj@ph.au.dk)

#### EDUCATION:

1988: Master of Sciences (MSc), University of Aarhus, Major in Molecular Biology.  
 1992: Ph.D. Degree in Science, The Faculty of Natural Science University of Aarhus.  
 2005: Formal education in Research Management, Copenhagen Business School

#### ACADEMIC APPOINTMENTS:

2010- : Professor in Human Environmental Toxicology, University of Aarhus (AU).  
 2008- : Director of Centre for Arctic Health, Department of Public Health, AU  
 1999- : Head of the Unit of Cellular & Molecular Toxicology, Department of Public Health, AU.  
 1999 - 2010: Associated Professor, Head of the Unit of Cellular & Molecular Toxicology, Depart. of Public Health, AU.  
 1996 - 1999: Assistant Professor, Department of Environmental and Occupational Medicine, AU.  
 1992 - 1996: Post doc. PhD, Department of Environmental and Occupational Medicine, AU.  
 1991 - 1991: Research assistant, Institute of Molecular Biology, AU.  
 1988 - 1991: Ph.D. / Lic.scient. student, Institute of Molecular Biology, AU.  
 1988 - 1988: Research assistant, Institute of Molecular Biology, AU.  
 1987 - 1987: Scholarship from Danish Cancer Society, thesis at The Institute of Molecular Biology, AU.

#### COMPETENCES & EXPERIENCES

- Built up and headed for more than 20 years the research “Unit of Cellular & Molecular Toxicology” (CMT) with the associated personnel: 1 professor, 1 associated professor, 1 research associated professor, 2 PhD students, 1 research assistant, 1 stud. Med. assistant, 2 thesis research student, 1 technical assistant.
- Experiences in Arctic Research for more than 20 years. Since 2008 Director of the Centre for Arctic Health (CAH), AU, including the CMT personnel. Close cooperation with Prof., Lise Hounsgaard, Institute for Nursing and Health Sciences, Ilisimatusarfik, Nuuk, Greenland and Professor Jon Øyvind Odland, University of Tromsøe.
- Established and being responsible for the master course in Arctic Medicine for medical students at AU
- Supervisor and evaluator for several thesis-, PhD students, and assistant professors.
- PhD’s 2001-2012: 6 completed as main supervisor, 3 as co-supervisor and 2 are ongoing. Opponents of several external PhD thesis national and international
- Teaching and examination experiences at the university level for biology-, medicine-, interdisciplinary-, and postgraduate students
- Referee for several international journals e.g. Cell Biology and Toxicology, Toxicology Letter, Reproductive Toxicology, Environmental Health, Human and Experimental Toxicology, Toxicology Research, etc.
- Evaluator of proposals for the European Commission, Brussels; Member of the Midterm review panel for the EU project ANTHON 2008
- Invited by IARC, Lyon, France 2013 as expert contributor in the scientific panel writing the volume 7 *Carcinogenicity of polychlorinated biphenyls and polybrominated biphenyls*

#### PRESIDENT AND MEMBERSHIPS OF PROFESSIONAL BOARDS

- President for the Danish Society of Pharmacology, Toxicology and Medicinal Chemistry (DSFTM)
- Director of the Centre for Arctic Health, Aarhus University (CAH).
- Member of the executive board committee of EUROTOX (Federation of European Toxicologist & European Societies of Toxicology).
- Business member of the IUTOX and EUROTOX
- Designated Contributing Expert for the Human Health Assessment Group, Arctic Monitoring Assessment Programme (AMAP). Appointed by the Danish Environmental Protection Agency
- Member of the advisory committee of The Centre for Arctic Health (CAH), University of Aarhus.
- Member of the steering committee of Arctic Biobank at The Centre for Arctic Health (CAH), University of Aarhus
- Member of the management board for the cross-disciplinary Arctic Research Center at AU
- Member of the senior body of the Section of Environmental and Occupational Medicine, Aarhus University.
- Member of the Danish National Board of Health, Advisory Scientific Committee on Environment Health.

- Member of the working group for interdisciplinary collaboration at the Health Faculty, AU
- Member of the working group of The Danish Board of Technology concerning Environment and Children
- Member of the panel of the research assessment panel (2007) for the Institute of the Slovak Academy of Sciences, assessing the Institute of Endocrinology, University of Bratislava.

#### **PROJECT LEADER/COORDINATOR OF RECENT AND ONGOING PROJECTS**

- Project lead and coordinator for the project **Adaptation to Climate Change, Environmental Pollution, and Dietary Transition. (ACCEPT)**. Establishment of a new Greenlandic Birth Cohort Study. Funded by the Danish Environmental Protection Agency (2009-2016).
- Project lead and coordinator of the international **FETOTOX** project: Interaction between mother-fetus exposure to environmental toxicants and risk for abnormal development <http://fetotox.au.dk/> funded by the Danish Strategic research Society (2011-2016)
- Project lead and coordinator of the project **Breast and Ovarian cancer (BOC) risk in Greenland**, a case-control study: the influence of lifestyle changes, environmental exposures and genetic susceptibility Funded by the Commission of the Scientific Research in Greenland, the Harboe Fund (2008-2017) and the Arctic Research Centre, AU.
- Project lead and coordinator of **Breast cancer risk in Danish women in relation to exposure to perfluoroalkyl substances and genetic susceptibility: a prospective case-control study**, Funded by Aarhus University and the Harboe Fund (2008-2015).
- Coordinator for the Health Faculty Key-expert research group in the cross-disciplinary Arctic Research Centre's (ARC) at AU.

#### **PARTNER / PARTICIPANT IN ONGOING AND INTERDISCIPLINARY PROJECTS THE LAST 5 YEARS LISTED**

- Project coordinator of the human health part of the project "Preying dominantly at the top of the Arctic food chain; the killer whale". Project lead and coordinator for the animal part Rune Dietz (2013-2015)
- Project partner in the Danish part (2012-2015) of the EU project DEMOCOPHES (Demonstration of a study to Coordinate and Perform Human Biomonitoring on a European Scale)
- Project partner in the Mercu North project (2012-2015); Nordic Council of Ministers' Arctic Co-operation Programme 2012-14.
- Endocrine-disrupting effects of currently used pesticides from different groups of pesticides (HOPE). Funding by the Danish Environmental Protection Agency (2009-2012).
- Project lead and coordinator of Epidemiological assessment of the interaction between contaminant body burden, the related xenobiotic serum activity and health risk in Greenland (EPAKT). Funded by the Danish Environmental Protection Agency 2008-2011
- Project lead, Time trend of Perfluorinated Compounds (PFCs) in Arctic and Danish women. Supported by AU research fund (2009-11)
- Project partner, Hyperkinetic disorder, endocrine disruptors and toxic elements in amniotic fluid – a case-control study (2008-2011). Funded by the Danish Research Council.
- Partner in the project Left-heart malformations in newborn and relation to Dixon exposures. Funded by Children's National medical Center, Washington DC, USA (2008-11)
- Hormone disrupting compounds in water streams (2009-11), Funded by the Danish Environmental Protection Agency.
- Partner in two EU supported projects; INUENDO, QLK4-CT-2001-00202, <http://www.inuendo.dk>; and ENDOMET; QLRT-2001-02637, <http://endomet.bham.ac.uk> (final report send to the Commission, 2006 and 2007, respectively)

#### **PUBLICATIONS AND CITATIONS**

In total more than 189 publications In 2012-16 more than 136 in international peer-reviewed in this period; Only peer reviewed publications from 2012-16 are listed below: Eight international peer reviewed scientific chapters in the international AMAP Reports being online at [www.amap.no](http://www.amap.no); Five peer reviewed book chapters; Five scientific publications in Danish journals; Seven scientific reports in Danish or English; Currently two manuscript are submitted and eight in preparation for publication in international journals. For the full publication list see my homepage

[http://pure.au.dk/portal/da/persons/eva-cecilie-bonefeldjoergensen\(2e9445d9-efa7-4668-b6cd-41982d42e0b0\)/cv.html?id=44562131](http://pure.au.dk/portal/da/persons/eva-cecilie-bonefeldjoergensen(2e9445d9-efa7-4668-b6cd-41982d42e0b0)/cv.html?id=44562131) and [https://www.researchgate.net/profile/Eva\\_Cecilie\\_Bonefeld-Jorgensen](https://www.researchgate.net/profile/Eva_Cecilie_Bonefeld-Jorgensen).

1. Krüger T, Ghisari M, Long M, **Bonefeld-Jørgensen EC**. Biomarkers used in Environmental Health with focus on Endocrine Disruptors. Tanja Mandana, Manhai Eva Cecilie. In *The Praeger Handbook of Environmental Health*, Chapter 14, 2012. <http://www.amazon.com/Praeger-Handbook-Environmental-Health-volumes/dp/0313386005>.
2. Ghisari M, Krüger T, Long M, **Bonefeld-Jørgensen EC**. Biomarker of effects on hormone functions. In *Handbook on biomarkers*, Chapter X, 2011. <http://pubs.rsc.org/en/content/ebook/978-1-84973-242-0>; <http://pubs.rsc.org/en/content/chapter/bk9781849732420-00142/978-1-84973-242-0>
3. **Bonefeld-Jørgensen EC**, Long M, Bossi R, Ayotte P, Asmund P, Tanja Krüger, Ghisari M, Mulvad G, Kern P, Nzulumiki P, Dewailly E. 2011. *Perfluorinated compounds are related to breast cancer risk in Greenlandic Inuit: A case control study*. *Environmental Health, Environ Health*. 2011 Oct 6;10(1):88.
4. Bjerregaard-Olesen, Christian, Philip Sebastian Hjelmberg and **Eva Cecilie Bonefeld-Jørgensen**. *Isolation of Lipophilic Persistent Organic Pollutants from Human Breast Milk*. *Analytical Letters*, 45:11, 1412-1425, DOI: [10.1080/00032719.2012.675488](https://doi.org/10.1080/00032719.2012.675488)
5. Krüger Tanja, Yi Cao, Søren S. Kjærgaard, Lisbeth E. Knudsen, **Eva C. Bonefeld-Jørgensen**. 2011. *Effects of Phthalates on the Human Corneal Endothelial Cell Line B4G1*. *Int J Toxicol*. 2012 Aug;31(4):364-71
6. Long Manhai, Tanja Krüger, Mandana Ghisari, **Eva C. Bonefeld-Jørgensen**. 2012. *Effect of selected phytoestrogens and their mixtures on thyroid hormone action and the Ah-receptor transactivity*. *Nutr Cancer*. 2012;64(7):1008-19.
7. Long M and **EC Bonefeld-Jørgensen**. *Dioxin-like activity of environmental compounds in human and environmental samples*. *Chemosphere*. 2012 Nov;89(8):919-28.
8. Fredslund, Stine O. **Bonefeld-Jørgensen Eva C.**. 2011. Review. *Breast cancer in the Arctic – changes over the past decades. A review*. *Int J Circumpolar Health*. 2012 Aug 16;71:19155
9. Krüger T, Long M, Ghisari M and **Bonefeld-Jørgensen EC**. The Combined Effect of the Serum POP mixture in Greenlandic Inuit: Xenoestrogenic, xenoandrogenic and dioxin-like activities. *Biomarkers*. 2012 Dec;17(8):692-705
10. Abdallah MW, Hougaard DM, Nørgaard-Pedersen B, Grove J, **Bonefeld-Jørgensen EC** and Mortensen EL. *Infections during pregnancy and after birth and risk of autism spectrum disorders: a register-based study utilizing a Danish historic birth cohort*. *Turk Psikiyatri Derg*. 2012 Winter;23(4):229-35.
11. Abdallah MW, Larsen N, Mortensen EL, Atladottir HO, Nørgaard-Pedersen B, **Bonefeld-Jørgensen EC**, Grove J and Hougaard DM. *Neonatal levels of cytokines and risk of autism spectrum disorders: An explorative register-based historic birth cohort study utilizing the Danish Newborn Screening Biobank*. *J Neuroimmunol*. 2012 Nov 15;252(1-2):75-82.
12. Abdallah MW, Larsen N, Grove J, **Bonefeld-Jørgensen EC**, Nørgaard-Pedersen B, Hougaard DM and Mortensen EL. Neonatal chemokine levels and risk of autism spectrum disorders: Findings from a Danish historic birth cohort follow-up study. *Cytokine*. 2013 Feb;61(2):370-6.
13. Abdallah MW, Mortensen EL, Greaves-Lord K, Larsen N, **Bonefeld-Jørgensen EC**, Nørgaard-Pedersen B, Hougaard DM and Grove J. *Neonatal levels of Neurotrophic Factors and Risk of Autism Spectrum Disorders*. *Acta Psychiatr Scand*. 2013 Jul;128(1):61-9.
14. Long, M., Ghisari, M., **Bonefeld-Jørgensen, EC**. 2013. *Effects of perfluoroalkyl acids on the function of the thyroid hormone and the aryl hydrocarbon receptor*. *Environ Sci Pollut Res Int*. 2013 Nov;20(11):8045-56.
15. Béatrice Lauby-Secretan , Dana Loomis , Yann Grosse , Fatiha El Ghissassi , Véronique Bouvard , Lamia Benbrahim-Tallaa , Neela Guha , Robert Baan , Heidi Mattock , Kurt Straif, on behalf of the International Agency for Research on Cancer Monograph Working Group (**Bonefeld-Jørgensen**) IARC, Lyon, France. 2013. *Carcinogenicity of polychlorinated biphenyls and polybrominated biphenyls*. *Lancet Oncol*. 2013 Apr;14(4):287-8
88. Erdmann, SE., R. Dietz, C. Sonne, TØ. Bechshøft, R.J. Lecher, M. Long, K. Vorkamp, **EC. Bonefeld-Jørgensen**. 2013 *Xenoestrogenic and dioxin-like activity in blood of East Greenland Polar Bears (Ursus maritimus)*. *Chemosphere* 92 (2013) 583–591
89. Rossana Bossi, Camilla Taxvig, Anne Marie Vinggaard, **Eva Cecilie Bonefeld-Jørgensen**. 2013. *Levels of Pesticides and their Metabolites in Wistar Rat Amniotic Fluids and Maternal Urine upon Gestational Exposure*. *Int. J. Environ. Res. Public Health* **2013**, 10, 2271-2281
90. Kjeldsen LS., **Bonefeld-Jørgensen, EC**. 2013. *Perfluorinated compounds affect the function of sex hormone receptors*. *Environ Sci Pollut Res Int*. 2013 Nov;20(11):8031-44
91. Ghisari, M., Long, M. and **E.C. Bonefeld-Jørgensen**. *Genetic polymorphisms in CYP1A1, CYP1B1 and COMT genes and association to serum POP levels: Greenlandic Inuit and Europeans*. *J. Circumpolar Health* 2013, 72: 21113.
92. Kjeldsen, L.S., Ghisari, M., **Bonefeld-Jørgensen E.C.** 2013. *Currently used pesticides and their mixtures affect the function of sex hormone receptors and aromatase enzyme activity*. *Toxicol Appl Pharmacol*. 2013 Oct 15;272(2):453-64
93. Taxvig C, Hadrup N, Boberg J, Axelstad M, Bossi R, **Bonefeld-Jørgensen EC**, Vinggaard AM. *In vitro–in vivo correlations for endocrine activity of a mixture of currently used pesticides*. *Toxicol Appl Pharmacol*. 2013 Nov 1;272(3):757-66.

94. Long M., Krüger T., Lasse P., Strand, J., Dahllöf, I., Larsen, M., Bossi, R., Wiberg Larsen, P., **Bonefeld-Jørgensen, EC.** 2013. *Endocrine-disrupting effects of compounds in Danish streams*. Arch Environ Contam Toxicol. 2014 Jan;66(1):1-18.
95. Sonne, C., Gustavson, K., Riget, F. F., Dietz, R., Krüger, T., E. C. Bonefeld-Jørgensen. 2013. *Physiologically based pharmacokinetic modeling of POPs in Greenlanders*. Environment Int., Dec 29;64C:91-97.
96. Thit A. Mørck, Simon E. Erdmann, Manhai Long, Line Mathiesen, Flemming Nielsen, Volkert Dirk Siersma, **Eva C. Bonefeld-Jørgensen**, Lisbeth E. Knudsen. *PCB concentrations and dioxin-like activity in serum samples from Danish school children and their mothers living in urban and rural areas*. 2014. *Basic Clin Pharmacol Toxicol*. 2014 Jul;115(1):134-44.
97. Ghisari, Mandana, Hans Eiberg, Manhai Long and **Eva C. Bonefeld-Jørgensen**, *Polymorphisms in Phase I and Phase II genes and breast cancer risk and relations to persistent organic pollutant exposure: a case-control study in Inuit women*. Environ Health. 2014 Mar 16;13(1):19.
98. **Bonefeld-Jørgensen Eva C.**, Mandana Ghisari, Maria Wielsøe, Christian Bjerregaard-Olesen, Lisbeth Stigaard Kjeldsen, Manhai Long. 2012. *Human biomonitoring and effect biomarkers in vitro and ex vivo of Persistent Organic Pollutants. Review*. Basic Clin Pharmacol Toxicol. 2014 Jul;115(1):118-28.
99. Liew Zeyan, Beate Ritz, **Eva Cecilie Bonefeld-Jørgensen**, Tine Brink Henriksen, Ellen Aagaard Nohr, Bodil Hammer Bech, Chunyuan Fei, Rossana Bossi, Ondine von Ehrenstein, Elani Streja, Peter Uldall, Jørn Olsen. *Prenatal Exposure to Perfluoroalkyl Substances and Risk of Congenital Cerebral Palsy in Children*, *Am J Epidemiol*. 2014 Sep 15;180(6):574-81
100. **Bonefeld-Jørgensen, EC.**, Long M., Fredslund S.O., J. Olsen. *Breast cancer risk and exposure to perfluorinated compounds in premenopausal Danish Women: A case-control study nested in the Danish National Birth Cohort*. Cancer Causes Control (2014) 25:1439–1448
101. Bjerregaard-Olesen Christian, Rossana Bossi, Bodil Hammer Bech and **Eva Cecilie Bonefeld-Jørgensen**. *Extraction of Perfluorinated Alkyl Acids from Human Serum and their Combined Xenoestrogenic Transactivity: a Method Development*. Chemosphere. 2015 Jun;129:232-8
102. Wielsøe Maria, Long Manhai, Ghisari Mandana, **Bonefeld-Jørgensen Eva Cecilie**. Perfluoroalkylated substances (PFASs) affect oxidative stress biomarkers *in vitro*. Chemosphere. 2015 Jun;129:239-45
103. Ghisari M, Long, L. and **Bonefeld-Jørgensen, EC**. *Effects of currently used pesticides and their mixtures on the function of thyroid hormone functions and Aryl Hydrocarbon Receptor in vitro*. Toxicology and Applied Pharmacology 2015 May 1;284(3):292-303
104. Liew Z, Ritz B, von Ehrenstein OS, Bech BH, Nohr EA, Fei C, Bossi R, Henriksen TB, **Bonefeld-Jørgensen EC**, Olsen J. [Attention deficit/hyperactivity disorder and childhood autism in association with prenatal exposure to perfluoroalkyl substances: a nested case-control study in the Danish National Birth Cohort](#). Environ Health Perspect. 2015 Apr;123(4):367-73.
105. Long M, Knudsen AK, Pedersen HS, **Bonefeld-Jørgensen EC**. Food intake and serum persistent organic pollutants in the Greenlandic pregnant women: The ACCEPT sub-study. Sci Total Environ. 2015 May 23;529:198-212
106. Bach Cathrine, Zyeon Liew, Bodil Hammer Bech, Ellen Aagaard Nohr, Chunyuan Fei, **Eva Cecilie Bonefeld-Jørgensen**, Tine Brink Henriksen, Jørn Olsen. Perfluoroalkyl acids and time to pregnancy revisited: An update from the Danish National Birth Cohort. Environ Health. 2015 Jul 7;14(1):59.
107. Bach CC, Bech BH, Nohr EA, Olsen J, Matthiesen NB, Bossi R, Uldbjerg N, **Bonefeld-Jørgensen EC**, Henriksen TB. [Serum perfluoroalkyl acids and time to pregnancy in nulliparous women](#). Environ Res. 2015 Oct;142:535-41.
108. Line Mathiesen, Marie Sønnegaard Poulsen, Jeanette Kolstrup Søgaard Nielsen, Tina Mose, **Eva Bonefeld-Jørgensen**, Rossana Bossi, Lisbeth E. Knudsen. Placental transfer and metabolism of pesticides studied in human placental perfusion and BeWo trophoblast model. Journal of Environment and Health. In press
109. Agudo, A. , Aronson, K. J. , **Bonefeld-Jørgensen, E. C.** , Cocco, P. , Cogliano, V. , Cravedi, J-P. , Esch, H. , Hopf, N. B. , Fiedler, H. , James, M. O. , Glauert, H. P. , Johansson, N. , Leon Guo, Y-L. , Le Bizec, B. , Herbert, R. A. , Ludewig, G. , Machala, M. , Tryphonas, H. , Merletti, F. , Vermeulen, R. , Narbonne, J-F. & 5 flere Vorkamp, K., Robertson, L. W., Walker, N., Ruder, A. & Carpenter, Polychlorinated and Polybrominated Biphenyls: IARC Monographs on the evaluation of carcinogenic risk in humans. 2015 WHO [International Agency for Research on Cancer](#). 513 s
110. Bach CC, Bech BH, Nohr EA, Olsen J, Matthiesen NB, **Bonefeld-Jørgensen EC**, Bossi R, Henriksen TB. [Perfluoroalkyl Acids in Maternal Serum and Indices of Fetal Growth: The Aarhus Birth Cohort](#). Environ Health Perspect. 2015 Oct 23
111. Bach CC, Bech BH, Nohr EA, Olsen J, Matthiesen NB, **Bonefeld-Jørgensen EC**, Bossi R, Henriksen. [Perfluoroalkyl Acids in Maternal Serum and Indices of Fetal Growth: The Aarhus Birth Cohort](#). TB. Environ Health Perspect. 2015 Oct 23
112. Knudsen Ane-Kersti S., Manhai Long, Henning Sloth Pedersen, **Eva Cecilie Bonefeld-Jørgensen**. *Lifestyle*,

- reproductive factors and food intake in Greenlandic pregnant women: The ACCEPT - sub study.* Int J Circumpolar Health 2015, 74: 29469
113. Christian Bjerregaard-Olesen, **Eva Cecilie Bonfeld-Jørgensen**. 2015. *Receptor research on xenohormone effects of human serum extracts containing the actual mixture of perfluorinated alkyl acids: a short review.* Receptor & Clinical Investigation, 2(3) 2015
  114. Schæbel, L. K., **E. C. Bonfeld-Jørgensen**, P. Laurberg, H. Vestergaard, S. Andersen. 2015. Vitamin D-rich marine Inuit diet and markers of inflammation – a population-based survey in Greenland. [Journal of Nutritional Science](#) / Volume 4 / 2015, e40
  115. Bjerregaard-Olesen C, Bach CC, Long M, Ghisari M, Bossi R, Bech BH, Nohr EA, Henriksen TB, Olsen J, **Bonfeld-Jørgensen EC**. [Time trends of perfluorinated alkyl acids in serum from Danish pregnant women 2008-2013](#). Environ Int. 2016 May;91:14-21.
  116. Bjerregaard-Olesen C, Ghisari M, Kjeldsen LS, Wielsøe M, Bonfeld-Jørgensen EC. [Estrone sulfate and dehydroepiandrosterone sulfate: Transactivation of the estrogen and androgen receptor](#). Steroids. 2016 Jan;105:50-8.
  117. Bach CC, Bech BH, Nohr EA, Olsen J, Matthiesen NB, Bossi R, Uldbjerg N, **Bonfeld-Jørgensen EC**, Henriksen TB. [Response to letter to the editor regarding "Serum perfluoroalkyl acids and time to pregnancy in nulliparous women"](#). Environ Res. 2016 May;147:574-5.
  118. Wilks et al. incl. **Bonfeld-Jørgensen EC**. *The European Registered Toxicologist (ERT): Current status and prospects for advancement.* [Toxicology Letters](#) 2016. Jun 22.S0378-4274(16) 30163-1.
  119. Maria Wielsøe; Sara Gudmundsdottir; **Eva Cecilie Bonfeld-Jørgensen**. *Reproductive history and dietary habits and breast cancer risk in Greenlandic Inuit: A case control study.* J. Public HealthPublic Health. 2016 Aug;137:50-8. doi: 10.1016/j.puhe.2016.06.016
  120. Bjerregaard-Olesen C, Ghisari M, **Bonfeld-Jørgensen EC**. *Activation of the estrogen receptor by mixtures of perfluorinated alkyl acids extracted from pregnant women's serum.* [Env Res. Environ Res.](#) 2016 Jul 21;151:71-79.
  121. Bjerregaard-Olesen C, Bach CC, Long M, Ghisari M, Bech BH, Nohr EA, Henriksen TB, Olsen J, **Bonfeld-Jørgensen EC**. *Determinants of serum levels of perfluorinated alkyl acids in Danish pregnant women.* [Int J Hyg Environ Health.](#) Int J Hyg Environ Health. 2016 Jul 14. doi: 10.1016/j.ijheh.2016.07.008
  122. Mandana Ghisari, Manhai Long, Durita Mohr, Jørn Olsen, **Eva C. Bonfeld-Jørgensen**. Polymorphism in xenobiotic and estrogen metabolizing genes, exposure to perfluorinated compounds and subsequent breast cancer risk: nested case-control study in Danish women. In revision for publ. J. Environmental Research.
  123. Human serum levels of perfluoroalkyl acids in five international birth cohorts. Christian Bjerregaard-Olesen, Rossana Bossi, Zeyan Liew, Manhai Long, Bodil H. Bech, Jørn Olsen, Tine B. Henriksen, Jon Ø. Odland, Therese Haugdahl Nost, Jun J. Zhang, **Eva C. Bonfeld-Jørgensen**. In revision for publ. J Hyg Environ Health September 2016

#### INTERNATIONAL PEER REVIEWED SCIENTIFIC CHAPTERS IN INTERNATIONAL AMAP REPORTS

124. **Bonfeld-Jørgensen, EC. 2003.** *The Humans Health Effects Biomarker Program.* Chapter 7 in the Ministry of the Environment National Report of AMAP Greenland and Faroe Islands 1997-2001. Dancea (Danish Cooperation for Environment in the Arctic Ministry of Environment); vol.1 Human Health
125. **Bonfeld-Jørgensen, EC**, and Pierre Ayotte. **2003.** *Toxicological Properties of POPs and Related Health Effects of Concern for the Arctic Populations.* Chapter 6 in the international peer reviewed The AMAP Assessment Report 2002: Human Health in the Arctic, Arctic Monitoring and Assessment Programme (AMAP), Oslo 2003 (<http://www.amap.no>, publication online, AMAP assessment reports-scientific, HH\_C06.pdf)
126. **Bonfeld-Jørgensen Eva C.** *Genetic and Contaminants.* Chapter 6 in The AMAP Assessment Report 2009: Human Health in the Arctic, Arctic Monitoring and Assessment Programme (AMAP), Oslo 2009. National and International peer reviewed scientific report. (<http://www.amap.no>)
127. Gilman, Andy ; Ayotte, Pierre; Dewailly, Eric ; Dudarev, Alexy; **Bonfeld-Jørgensen**, Eva Cecilie; Muckle, Gina ; Odland, Jon Øyvind. 2009: *Public Health and the Effects of Contaminants:* Chapter 8 in The International Arctic Monitoring and Assessment Report (AMAP), Human health in the Arctic 2009. 2009. Oslo 2009. National and International peer reviewed scientific report. (<http://www.amap.no>)
128. **Bonfeld-Jørgensen, E. C. & Long, M et al.** 2015. Levels and Trends of Contaminants in Humans, Greenland; Chapter 2 in *AMAP Assessment 2015: Human Health in the Arctic* [www.amap.no/documents/doc](http://www.amap.no/documents/doc)
129. Peter Bjerregaard, **Eva Bonfeld-Jørgensen**, Alexey Dudarev, Jonrit Halling, Solrunn Hansen, Gina Muckle, Therese Nost, Jon Odland, Maria Skaalum Petersen, Arja Rautio, Anna Sofia Veyhe, Maria Wennberg, Ingvar Bergda. *Chapter 2. Overview of ongoing cohort and dietary studies in the Arctic in AMAP Assessment 2015: Human Health in the Arctic* [www.amap.no/documents/doc](http://www.amap.no/documents/doc)
130. Jennifer C. Gibson, Bryan Adlard, Kristin Olafsdottir, Torkjel M. Sandanger, *Contributing authors:* James Berner, Laurie Hing Man Chan, Eric Dewailly, Pierre Ayotte, Annie St-Amand, **Eva Bonfeld-Jørgensen**, Manhai Long,

Gunnar Toft, Peter Bjerregaard, Nina Nielsen, Pal Weihe, Maria Skaalum Petersen, Jonrit Halling, Jon Oyvind Odland, Britta Hedlund, Ingvar Bergdahl, Arja Rautio, Alexey Dudarev. *Chapter 3. Levels and trends of contaminants in humans in AMAP Assessment 2015: Human Health in the Arctic* [www.amap.no/documents/doc](http://www.amap.no/documents/doc)

131. **Eva Bonfeld-Jørgensen**, Frodi Debes, Jonrit Halling, Maria Skaalum Petersen, Gina Muckle, Jon Odland, Alexey Dudarev, *Co-authors*: Pierre Ayotte, Celyne Bastien, Eric Dewailly, Philippe Grandjean, Joseph Jacobson, Sandra Jacobson, Manhai Long, Pierrich Plusquellec, Dave Saint-Amour. *Chapter 4. Health effects associated with measured levels of contaminants in the Arctic in humans in AMAP Assessment 2015: Human Health in the Arctic* [www.amap.no/documents/doc](http://www.amap.no/documents/doc)

#### BOOK CHAPTERS

132. **Jørgensen, Eva C. Bonfeld**, *Genteknologi in Miljø- og Arbejdsmedicin*, 1999, 2000, redaktion Autrup, H., Bonde, J.P., Rasmussen, K., Sigsgaard T., FADLs Forlag, ISBN 87-7749-216-1, p. 98 - 102. Reviewed by Danish Scientists
133. Krüger T, Ghisari M, Long M, **EC Bonfeld-Jørgensen**. 2011. *Biomarkers used in Environmental Health with focus on Endocrine Disrupter*. In the Handbook of Environmental Chemicals, the Praeger Handbook of Environmental Health,
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