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## Publications with peer review

### **Effect of size on concentrations and cadmium inducibility of metallothionein in the shore crab *Carcinus maenas***

Bjerregaard, P., Jensen, L. B. E. & Pedersen, K. L., Nov 2021, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 249, 6 p., 109146.

### **Investigation of the *in vivo* estrogenicity of the UV-filters 4-methylbenzylidene camphor and octyl methoxy cinnamate in rainbow trout (*Oncorhynchus mykiss*)**

Søgaard, R., Holbech, H., Nørum, U. & Bjerregaard, P., Nov 2021, In: Ecotoxicology and Environmental Safety. 224, 6 p., 112657.

### **Mercury Levels in Humpback Whales, and Other Southern Ocean Marine Megafauna**

Nash, S. M. B., Casa, M. V., Kawaguchi, S., Staniland, I. & Bjerregaard, P., Nov 2021, In: Marine Pollution Bulletin. 172, 6 p., 112774.

### **Exposure to methylmercury and inorganic mercury in the food does not lead to trophic magnification in the sea star *Asterias rubens***

Bjerregaard, P. & Møller, L. M., 15. Sep 2021, In: Environmental Pollution. 285, 11 p., 117401.

### **Mercury (Hg<sup>2+</sup>) interferes with physiological adaptations to freezing in the arctic earthworm *Enchytraeus albidus***

Gerlich, H. S., Holmstrup, M., Bjerregaard, P. & Slotsbo, S., Nov 2020, In: Ecotoxicology and Environmental Safety. 204, 111005.

### **Elevated mercury concentrations in biota despite reduced sediment concentrations in a contaminated coastal area, Harboøre Tange, Denmark**

Bjerregaard, P., Schmidt, T. G. & Mose, M. P., May 2020, In: Environmental pollution. 260, 8 p., 113985.

### **Retention and distribution of methylmercury administered in the food in marine invertebrates: Effect of dietary selenium**

Bjerregaard, P., John, T. S., Biuki, N. A., Biserova, M. P., Christensen, A. & Pedersen, K. L., Jul 2018, In: Marine Environmental Research. 138, p. 76-83

### **Two common mild analgesics have no effect on general endocrine mediated endpoints in zebrafish (*Danio rerio*)**

Morthorst, J. E., Lund, B., Holbech, H. & Bjerregaard, P., Jan 2018, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 204, p. 63-70

### **Investigation of the potential endocrine effect of nitrate in zebrafish *Danio rerio* and brown trout *Salmo trutta***

Bjerregaard, P., Kinnberg, K. L., Pedersen Mose, M. & Holbech, H., 2018, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 211, p. 32-40

### **Vitellogenin concentrations in feral Danish brown trout have decreased: An effect of improved sewage treatment in rural areas?**

Morthorst, J. E., Korsholm Mathiesen, K., Holbech, H., Pedersen, K. L. & Bjerregaard, P., 2018, In: Environmental Toxicology and Chemistry. 37, 3, p. 839-845

**Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances**

Matthiessen, P., Ankley, G. T., Biever, R. C., Bjerregaard, P., Borgert, C., Brugger, K., Blankinship, A., Chambers, J., Coady, K., Constantine, L., Dang, Z., Denslow, N. D., Dreier, D. A., Dungey, S., Gray, L. E., Gross, M., Guiney, P. D., Hecker, M., Holbech, H., Iguchi, T. & 28 others, Kadlec, S., Karouna-Renier, N., Katsiadaki, I., Kawashima, Y., Kloas, W., Krueger, H., Kumar, A., Lagadic, L., Leopold, A., Levine, S. L., Maack, G., Marty, S., Meador, J., Mihaich, E., Odum, J., Ortego, L., Parrott, J., Pickford, D., Roberts, M., Schaefers, C., Schwarz, T., Solomon, K., Verslycke, T., Weltje, L., Wheeler, J. R., Williams, M., Wolf, J. C. & Yamazaki, K., 2017, In: Integrated Environmental Assessment and Management. 13, 2, p. 267–279

**Uncertainties in Biological Responses that Influence Hazard and Risk Approaches to the Regulation of Endocrine Active Substances**

Parrott, J. L., Bjerregaard, P., Brugger, K. E., Gray Jr, L. E., Iguchi, T., Kadlec, S. M., Weltje, L. & Wheeler, J. R., 2017, In: Integrated Environmental Assessment and Management. 13, 2, p. 293-301

**Severe malformations of eelpout (*Zoarces viviparus*) fry are induced by maternal estrogenic exposure during early embryogenesis**

Morthorst, J. E., Korsgaard, B. & Bjerregaard, P., Feb 2016, In: Marine Environmental Research. 113, February, p. 80-87

**Endocrine-disrupting effect of the ultraviolet filter benzophenone-3 in zebrafish, *Danio rerio***

Kinnberg, K. L., Petersen, G. I., Albrektsen, M., Minghiani, M., Awad, S. M., Holbech, B. F., Green, J. W., Bjerregaard, P. & Holbech, H., Dec 2015, In: Environmental Toxicology and Chemistry. 34, 12, p. 2833-2840 8 p.

**Manufacturing doubt about endocrine disrupter science: A rebuttal of industry-sponsored critical comments on the UNEP/WHO report "State of the Science of Endocrine Disrupting Chemicals 2012"**

Bergman, Å., Becher, G., Blumberg, B., Bjerregaard, P., Bornman, R., Brandt, I., Casey, S. C., Frouin, H., Giudice, L. C., Heindel, J. J., Iguchi, T., Jobling, S., Kidd, K. A., Kortenkamp, A., Lind, P. M., Muir, D., Ochieng, R., Ropstad, E., Ross, P. S., Skakkebaek, N. E. & 4 others, Toppari, J., Vandenberg, L. N., Woodruff, T. J. & Zoeller, R. T., 2015, In: Regulatory Toxicology and Pharmacology. 73, 3, p. 1007-1017

**17β-estradiol causes abnormal development in embryos of the viviparous eelpout**

Morthorst, J. E., Brande-Lavridsen, N., Korsgaard, B. & Bjerregaard, P., Nov 2014, In: Environmental Science and Technology. 48, 24, p. 14668-14676

**Evaluation of yolk protein levels as estrogenic biomarker in bivalves; Comparison of the alkali labile phosphate method (ALP) and a species specific immunoassay (ELISA)**

Morthorst, J. E., Holbech, H., Jeppesen, M., Kinnberg, K. L., Pedersen, K. L. & Bjerregaard, P., Nov 2014, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 166, November, p. 88-95

**A path forward in the debate over health impacts of endocrine disrupting chemicals**

Zoeller, R. T., Bergmann, Å., Becher, G., Bjerregaard, P., Bornman, R., Brandt, I., Iguchi, T., Jobling, S., Kidd, K. A., Kortenkamp, A., Skakkebaek, N. E., Toppari, J. & Vandenberg, L. N., 2014, In: Environmental Health (Online Edition). 13, p. 118 9 p.

**Amount and metal composition of midgut gland metallothionein in shore crabs (*Carcinus maenas*) after exposure to cadmium in the food**

Pedersen, K. L., Bach, L. T. & Bjerregaard, P., 2014, In: Aquatic Toxicology. 150, p. 182-188

**Abnormalities in eelpout *Zoarces viviparus* upon chemical exposure**

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**Vitellogenin as biomarker for estrogenicity in flounder *Platichthys flesus* in the field and exposed to 17α-ethinylestradiol via food and water in the laboratory**

Madsen, L. L., Korsgaard, B., Pedersen, K. L., Bjerregaard, L. B., Aagaard, T. & Bjerregaard, P., Dec 2013, In: Marine Environmental Research. 92, December, p. 79-86

**Estrogenic effect of the phytoestrogen biochanin A in zebrafish, *Danio rerio*, and brown trout, *Salmo trutta***

Holbech, H., Schröder, K. D., Nielsen, L. M., Brande-Lavridsen, N., Holbech, B. F. & Bjerregaard, P., 19. Sep 2013, In: Aquatic Toxicology. 144-145, p. 19-25

**Ibuprofen reduces zebrafish PGE2 levels but steroid hormone levels and reproductive parameters are not affected**

Morthorst, J. E., Lister, A., Bjerregaard, P. & Van Der Kraak, G., Mar 2013, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 157, 2, p. 251-257 7 p.

**Evidence of small modulation of ethinylestradiol induced effects by concurrent exposure to trenbolone in male eelpout *Zoarces viviparus***

Velasco-Santamaría, Y. M., Bjerregaard, P. & Korsgaard, B., 2013, In: Environmental Pollution. 178, p. 189-196

**Science and policy on endocrine disrupters must not be mixed: a reply to a "common sense" intervention by toxicology journal editors**

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**Comparison of zebrafish (*Danio rerio*) and fathead minnow (*Pimephales promelas*) as testspecies in the Fish Sexual Development Test (FSDT)**

Holbech, H., Kinnberg, K. L., Brande-Lavridsen, N., Bjerregaard, P., Petersen, G. I., Norrgren, L., Ôrn, S., Braunbeck, T., Baumann, L., Bomke, C., Dorgerloh, M., Bruns, E., Ruehl-Fehlert, C., Green, J. W., Springer, T. A. & Gourmelon, A., 2012, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 155, 2, p. 407-415 9 p.

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**Selenium reduces the retention of methyl mercury in the brown shrimp *Crangon crangon***

Bjerregaard, P. & Christensen, A., 2012, In: Environmental Science & Technology (Washington). 46, p. 6324-6329 6 p.

**Bezafibrate, a lipid-lowering pharmaceutical, as a potential endocrine disruptor in male zebrafish (*Danio rerio*)**

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**Dietary Selenium Reduces Retention of Methyl Mercury in Freshwater fish**

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**Locomotory behaviour in the freshwater amphipod *Gammarus pulex* exposed to the pyrethroid cypermethrin**

Nørum, U., Frederiksen, M. A. T. & Bjerregaard, P., 2011, In: Chemistry and Ecology. 27, 6, p. 569-577 9 p.

**Uptake of 17 $\beta$ -estradiol and biomarker responses in brown trout (*Salmo trutta*) exposed to pulses**

Knudsen, J. J. G., Holbech, H., Madsen, S. & Bjerregaard, P., 2011, In: Environmental Pollution. 159, p. 3374-3380 7 p.

**Effects of 17 $\beta$ -trenbolone in male eelpout *Zoarces viviparus* exposed to ethinylestradiol**

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Nørum, U., Friberg, N., Jensen, M. R., Pedersen, J. M. & Bjerregaard, P., 2010, In: Aquatic Toxicology. 98, 4, p. 328-335 8 p.

**Expression of prostaglandin synthases (*pgds* and *pges*) during zebrafish gonadal differentiation**

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**Gonadal alterations in male eelpout (*Zoarces viviparus*) exposed to ethinylestradiol and trenbolone separately or in combination**

Velasco-Santamaría, Y. M., Bjerregaard, P. & Korsgaard, B., 2010, In: Marine Environmental Research. 69, Suool., p. S67-S69 3 p.

**Multi-criteria decision analysis of test endpoints for detecting the effects of endocrine active substances in fish full life cycle tests**

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**Trenbolone causes irreversible masculinization of zebrafish at environmentally relevant concentrations**

Morthorst, J. E., Holbech, H. & Bjerregaard, P., 2010, In: Aquatic Toxicology. 98, 4, p. 336-343 8 p.

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**Quantification of metallothionein by differential pulse polarography overestimates concentrations in crustaceans**

Pedersen, K. L., Pedersen, S. N., Knudsen, J. & Bjerregaard, P., 22. Oct 2008, In: Environmental Science and Technology. 42, 22, p. 8426-8432 7 p.

**Expression profiles for six zebrafish genes during gonadal sex differentiation**

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**Sex hormone concentrations and gonad histology in brown trout (*Salmo trutta*) exposed to 17 $\beta$ -estradiol and bisphenol A**

Bjerregaard, L. B., Lindholst, C., Korsgaard, B. & Bjerregaard, P., 2008, In: Ecotoxicology. 17, 4, p. 252-263 12 p.

**Vitellogenin as a biomarker for estrogenic effects in brown trout, *Salmo trutta*: Laboratory and field investigations**

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**Effects of the fungicide prochloraz on the sexual development of zebrafish (*Danio rerio*)**

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**Identification and characterisation of an androgen receptor from zebrafish *Danio rerio***

Jørgensen, A., Andersen, O., Bjerregaard, P. & Rasmussen, L. J., 2007, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 146, p. 561-568 8 p.

**Orally administered bisphenol A in rainbow trout (*Oncorhynchus mykiss*): Estrogenicity, metabolism, and retention**

Bjerregaard, P., Andersen, S. B., Pedersen, K. L., Pedersen, S. N. & Korsgaard, B., 2007, In: Environmental Toxicology and Chemistry. 26, 9, p. 1910-1915 6 p.

**Detection of endocrine disrupters: Evaluation of a Fish Sexual Development Test (FSDT)**

Holbech, H., Kinnberg, K., Petersen, G. I., Jackson, P., Hylland, K., Norrgren, L. & Bjerregaard, P., 2006, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 144, p. 57-66

**Distribution of the UV filter 3-benzylidene camphor in the rat following topical application**

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**Gonad histology and vitellogenin in the brown trout (*Salmo trutta*) from Danish streams impacted by sewage effluent**

Bjerregaard, L. B., Madsen, A. H., Korsgaard, B. & Bjerregaard, P., 2006, In: Ecotoxicology. 15, 3, p. 315-327

**Intersex in wild roach (*Rutilus rutilus*) from Danish streams impacted by sewage effluent**

Bjerregaard, L. B., Korsgaard, B. & Bjerregaard, P., 2006, In: Ecotoxicology and Environmental Safety. 64, p. 321-328

**Oral single pulse exposure of flounder *Platichthys flesus* to 4-tert-octylphenol: relations between tissue levels and estrogenic effects**

Madsen, L. L., Korsgaard, B. & Bjerregaard, P., 2006, In: Marine Environmental Research. 61, p. 352-362

**Short-term exposure to low concentrations of the synthetic androgen methyltestosterone affects vitellogenin and steroid levels in adult male zebrafish (*Danio rerio*)**

Andersen, L., Goto-Kazeto, R., Trant, J. M., Nash, J. P., Korsgaard, B. & Bjerregaard, P., 2006, In: Aquatic Toxicology. 76, p. 343-352

**Anti-estrogen prevents xenoestrogen-induced testicular pathology of eelpout (*Zoarces viviparus*)**

Rasmussen, T. H., Teh, S. J., Bjerregaard, P. & Korsgaard, B., 2005, In: Aquatic Toxicology. 72, p. 177-194

**Association between cadmium and calcium uptake and distribution during the moult cycle of the female shore crab, *Carcinus maenas*; an in vivo study**

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**Cadmium in the shore crab *Carcinus maenas*: seasonal variation in cadmium content and uptake and elimination of cadmium after administration via the food**

Bjerregaard, P., Bjørn, L., Nørum, U. & Pedersen, K. L., 2005, In: Aquatic Toxicology. 72, p. 5-15

**Estrogenicity of butylparaben in rainbow trout (*Oncorhynchus mykiss*) exposed via food and water**

Alslev, B., Korsgaard, B. & Bjerregaard, P., 2005, In: Aquatic Toxicology. 72, p. 295-304

**In vivo and in vitro cadmium accumulation during the moult cycle of the male shore crab *Carcinus maenas* - interaction with calcium metabolism**

Nørum, U., Bondgaard, M., Pedersen, T. V. & Bjerregaard, P., 2005, In: Aquatic Toxicology. 72, p. 29-44

**Interindividual variability in metal status in the shore crab *Carcinus maenas*: the role of physiological condition and genetic variation**

Nissen, L. R., Bjerregaard, P. & Simonsen, V., 2005, In: Mar. Biol.. 146, p. 571-580

**Evaluation of a 40 day assay for testing endocrine disrupters: effects of an anti-estrogen and an aromatase inhibitor on sex ratio and vitellogenin concentrations in juvenile zebrafish (*Danio rerio*)**

Andersen, L., Kinnberg, K., Holbech, H., Korsgaard, B. & Bjerregaard, P., 2004, In: Fish Physiology & Biochemistry. 30, p. 257-266

**Estrogenic effect of dietary 4-tert-octylphenol in rainbow trout (*Oncorhynchus mykiss*).**

Pedersen, K. H., Pedersen, S. N., Pedersen, K. L., Korsgaard, B. & Bjerregaard, P., 26. Feb 2003, In: Aquatic Toxicology. 62, 4, p. 295-303 8 p.

**Copper and zinc handling during the moult cycle of male and female shore crabs *Carcinus maenas***  
Nørum, U., Bondgaard, M. & Bjerregaard, P., 2003, In: Mar. Biol.. 142, p. 757-769

**Effects of octylphenol and 17 $\beta$ -estradiol on the gonads of guppies (*Poecilia reticulata*) exposed as adults via the water or as embryos via the mother**

Kinnberg, K., Korsgaard, B. & Bjerregaard, P., 2003, In: Comp. Biochem. Physiol.. 134, p. 45-55

**Estrogenic effect of propylparaben (propylhydroxybenzoate) in rainbow trout *Oncorhynchus mykiss* after exposure via food and water.**

Bjerregaard, P., Andersen, D. N., Pedersen, K. L., Pedersen, S. N. & Korsgaard, B., 2003, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 136, 4, p. 309-317

**Estrogenic effects in flounder *Platichthys flesus* orally exposed to 4-*tert*-octylphenol**

Madsen, L., Korsgaard, B. & Bjerregaard, P., 2003, In: Aquatic Toxicology. 64, p. 393-405

**Estrogenic effects of dietary 4- *tert*-octylphenol in rainbow trout *Oncorhynchus mykiss***

Pedersen, K. H., Pedersen, S. N., Pedersen K.L., Korsgaard, B. & Bjerregaard, P., 2003, In: Aquatic Toxicology. 62, p. 295-303

**Metabolism of bisphenol A in the zebrafish (*Danio rerio*) and the rainbow trout (*Oncorhynchus mykiss*) in relation to estrogenic response**

Lindholst, C., Wynne, P. M., Marriott, P., Pedersen, S. N. & Bjerregaard, P., 2003, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 135, p. 169-177

**Vitellogenin induction and brain aromatase activity in adult male and female zebrafish exposed to endocrine disrupters.**

Andersen, L., Bjerregaard, P. & Korsgaard, B., 2003, In: Fish Physiology & Biochemistry. 28, p. 319-321

**4-*tert*-octylphenol and 17 $\beta$ -estradiol applied by feeding to flounder *Platichthys flesus*: Induction of vitellogenin and accumulation in tissues**

Madsen, L. L., Korsgaard, B. & Bjerregaard, P., 2002, In: Marine Environmental Research. 54, p. 729-733

**Effects of waterborne exposure of octylphenol and oestrogen on pregnant viviparous eelpout (*Zoarces viviparus*) and her embryos *in ovario***

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**The Chemical UV-Filter 3-Benzylidene Camphor Causes an Oestrogenic Effect in an *in vivo* Fish Assay**

Holbech, H., Nørum, U., Korsgaard, B. & Bjerregaard, P., 2002, In: Pharmacology and Toxicology. 91, p. 204-208

**Trace element concentrations and contents in the tissues of the shore crab *Carcinus maenas*: effects of size and tissue hydration**

Bjerregaard, P. & Depledge, M. H., 2002, In: Mar. Biol.. 141, p. 741-752

**Vitellogenin induction by 17 $\beta$ -estradiol and 17 $\alpha$ -ethinylestradiol in male zebrafish (*Danio rerio*)**

Rose, J., Holbech, H., Lindholst, C., Nørum, U., Povlsen, A., Korsgaard, B. & Bjerregaard, P., 2002, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 131, p. 531-539

**Development of an ELISA for vitellogenin in whole body homogenate of zebrafish (*Danio rerio*)**

Holbech, H., Andersen, L., Petersen, G., Korsgaard, B., Pedersen, K. L. & Bjerregaard, P., 2001, In: Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology. 130, 1, p. 119-131 13 p.

**Lead and zinc in sediments and biota from Maarmorilik, West Greenland: an assessment of the environmental impact of mining wastes on an Arctic fjord system**

Larsen, T. S., Kristensen, J. A., Asmund, G. & Bjerregaard, P., 2001, In: Environmental Pollution. 114, p. 275-283

**Uptake, metabolism and excretion of bisphenol A in the rainbow trout (*Oncorhynchus mykiss*)**

Lindholst, C., Pedersen, S. N. & Bjerregaard, P., 2001, In: Aquatic Toxicology. 55, p. 75-84

**Zebrafish *Danio rerio* and roach *Rutilus rutilus*: Two species suitable for evaluating effects of endocrine disrupting chemicals?**

Andersen, L., Holbech, H., Petersen, G., Gessbo, Å., Örn, S., Bjerregaard, P. & Norrgren, L., 2001, In: Aquatic Ecosystem Health & Management. 4, 3, p. 275-282 8 p.

**Cadmium accumulation in the female shore crab *Carcinus maenas* during the moult cycle and ovarian maturation**

Bondgaard, M., Nørum, U. & Bjerregaard, P., 2000, In: Mar. Biol.. 137, p. 995-1004

**Cadmium influx and efflux across perfused gills of the shore crab *Carcinus maenas***

Pedersen, T. V. & Bjerregaard, P., 2000, In: Aquatic Toxicology. 48, p. 223-231

**Concentration-dependent effects of nonylphenol on testis structure in adult platyfish *Xiphophorus maculatus***

Kinnberg, K., Korsgaard, B. & Bjerregaard, P., 2000, In: Marine Environmental Research. 50, 1-5, p. 169-173

**Effects of nonylphenol and 17beta-estradiol on vitellogenin synthesis and testis morphology in male platyfish *Xiphophorus maculatus*.**

Kinnberg, K., Korsgaard, B., Bjerregaard, P. & Jespersen, Å., 2000, In: Journal of Experimental Biology. p. 171-181 10 p.

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Kinnberg, K., Christiansen, T., Bjerregaard, P. & Korsgaard, B., 2000, In: Marine Environmental Research. 50, 1-5, p. 213-216

**In vivo comparison of xenoestrogens using rainbow trout vitellogenin induction as a screening system**

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**Effect of selenium on cadmium uptake in selected, benthic invertebrates**

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**Effects of cadmium on hemolymph composition in the shore crab *Carcinus maenas***

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**Interactions of marine plankton with transuranic elements. 3. Biokinetics of americium in euphausiids.**

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**Accumulation of cadmium and selenium and their mutual interaction in the shore crab *Carcinus maenas* (L.).**

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## Activities

**Interaction between Cd accumulated from food and Cu & Zn with regard to binding to metallothionein in the shore crab *Carcinus maenas***

Poul Bjerregaard (Lecturer)  
28. May 2008

**1st meeting of the Advisory Group on the Environmental Exposure and Impact of EDCs for UNEP**

Poul Bjerregaard (Participant)  
14. May 2014

**27ende hormonnetværksmøde**

Poul Bjerregaard (Participant)  
18. Dec 2014

**2nd meeting of the Advisory Group on the Environmental Exposure and Impact of EDCs for UNEP**

Poul Bjerregaard (Participant)  
12. Dec 2014

**6th SETAC Europe Special Science Symposium**

Poul Bjerregaard (Participant)  
24. Oct 2012

**Aquatic Biology (Journal)**

Poul Bjerregaard (Editor)  
1. Jan 2009

**Aquatic Toxicology (Journal)**

Poul Bjerregaard (Editor)  
1. Jan 2008

**Aquatic Toxicology (Journal)**

Poul Bjerregaard (Editor)  
1. Jan 2009

**Belastningen med østrogene stoffer i fynske vandløb: Hvorfor er den faldet markant mellem 2004 og 2010?**

Poul Bjerregaard (Lecturer)  
5. Mar 2014

**Criteria for endocrine disrupting chemicals -EDCs: When science meets politics**

Poul Bjerregaard (Lecturer)  
2. May 2018

**Dietary selenium at environmental concentrations reduces methyl Mercury retention in some aquatic organisms at the lower trophic levels**

Poul Bjerregaard (Lecturer)  
23. May 2012

**Ecotoxicology (Journal)**

Poul Bjerregaard (Peer reviewer)  
1. Jan 2009

**Ecotoxicology and Environmental Safety (Journal)**

Poul Bjerregaard (Editor)  
1. Jan 2009

**Endocrine disrupting Chemicals: When science meets politics**

Poul Bjerregaard (Lecturer)

7. Nov 2014

**Environmental Science & Technology (Washington) (Journal)**

Poul Bjerregaard (Editor)

1. Jan 2008

**Environmental Toxicology and Chemistry (Journal)**

Poul Bjerregaard (Editor)

1. Jan 2008

**EU workshop: Setting Priorities for Further Development and Validation of Test Methods and Testing Approaches for Evaluating Endocrine Disruptors**

Henrik Holbech (Chairman) & Poul Bjerregaard (Participant)

30. May 2017 → 1. Jun 2017

**Færre hormonforstyrrede bækkørreder: Effekt af bedre vandrensning?**

Poul Bjerregaard (Lecturer)

Oct 2013

**Fastlæggelse af kriterier for hormonforstyrrende stoffer: Når videnskab møder politik.**

Poul Bjerregaard (Lecturer)

16. May 2018

**Fate of an old mercury contamination: What are the natural background levels in sediments and benthic, marine organisms?**

Poul Bjerregaard (Lecturer), Torben Grau Schmidt (Other) & Maria Pedersen Mose (Other)

9. May 2017

**Forskningsrådet for Natur og Univers (External organisation)**

Poul Bjerregaard (Member)

1. Jan 2015 → 31. Dec 2018

**Hazard (and risk assessment) testing strategies using existing/up coming tests, 'read across' from in vitro data to wildlife species, and from in vivo studies with mammals to wildlife**

Poul Bjerregaard (Lecturer)

25. Oct 2012

**Hormonforstyrrelser i naturen: Status og trends**

Poul Bjerregaard (Lecturer)

8. Oct 2014

**Journal of Molecular Endocrinology (Journal)**

Poul Bjerregaard (Peer reviewer)

1. Jan 2009

**Miljøministeriet (External organisation)**

Poul Bjerregaard (Member)

1. Aug 2006 → ...

**Miljøministeriet (External organisation)**

Poul Bjerregaard (Member)

1. Jan 2001 → ...

**miljøstyrelsen hormonnetværksmøde: 33' netværksmøde i miljøstyrelsens hormonnetværk**

Henrik Holbech (Participant), Jane Ebsen Morthorst (Participant), Poul Bjerregaard (Participant) & Karin Lund Kinnberg (Participant)  
14. Dec 2017

**Miljøstyrelsens 23. hormonnetværksmøde**

Poul Bjerregaard (Participant)  
19. Dec 2012

**Miljøstyrelsens hormonnetværk**

Henrik Holbech (Speaker), Poul Bjerregaard (Speaker), Karin Lund Kinnberg (Speaker) & Jane Ebsen Morthorst (Speaker)  
22. Jun 2017

**Spildevandsrelaterede hormonforstyrrelser**

Poul Bjerregaard (Lecturer)  
8. Mar 2018

**United Nations (External organisation)**

Poul Bjerregaard (Member)  
9. Apr 2014 → 9. Apr 2017

**Use of vitellogenin as a biomarker for estrogenic effect: What is the baseline?**

Poul Bjerregaard (Lecturer)  
15. May 2013

**Press clippings**

**Brystmælk er fyldt med giftige stoffer**

Poul Bjerregaard  
26/01/2019  
1 Media contribution

**Debat: Afhængig af opløst ilt**

Poul Bjerregaard  
06/12/2014  
1 item of Media coverage

**Debat: Find fakta om nitrat**

Poul Bjerregaard  
11/01/2016  
1 item of Media coverage

**Debat: Nitrat, alger og iltvind**

Poul Bjerregaard  
26/12/2014  
1 item of Media coverage

**Er forurening af drikkevandet femdoblet på ét år?**

Poul Bjerregaard  
01/10/2018  
1 Media contribution

**Er spildevandet helt rent?**

Poul Bjerregaard  
19/07/2014  
1 item of Media coverage

**Er spildevandet helt rent?**

Poul Bjerregaard  
19/07/2014  
1 item of Media coverage

**Informationsdag om hormonforstyrrende stoffer**

Poul Bjerregaard  
29/09/2021  
1 Media contribution

**Jorden er giftig: Sådan forurener vi jorden i dag**

Poul Bjerregaard  
15/03/2018  
1 Media contribution

**Kaos i EU forsinket forbud mod hormonforstyrrende stoffer**

Henrik Holbech & Poul Bjerregaard  
06/06/2017  
1 Media contribution

**Kviksølv er forsvundet fra Cheminovas strand**

Poul Bjerregaard  
17/02/2020  
1 Media contribution

**Kvindens brystmælk er fyldt med giftige stoffer**

Poul Bjerregaard  
25/01/2019  
1 Media contribution

**Miljøstyrelsen pudser politiet på fem forhandlere af ulovligt fiskegrej**

Poul Bjerregaard  
09/07/2013  
1 item of Media coverage

**Overrasket? Lindøværftets forurening har kun lille betydning for fjorden i dag, påpeger SDU-eksperter**

Poul Bjerregaard  
08/07/2021  
1 Media contribution

**Overrasket? Lindøværftets forurening har kun lille betydning for fjorden i dag, påpeger SDU-eksperter**

Poul Bjerregaard  
08/07/2021  
1 Media contribution

**P4 Fyn regionale nyheder**

Poul Bjerregaard  
29/09/2020  
1 Media contribution

#### **P4 Midt & Vest regionale nyheder**

Poul Bjerregaard  
18/02/2020  
1 Media contribution

#### **SDU-eksperter: Lindøværfets forurening har kun lille indvirkning på fjorden i dag**

Poul Bjerregaard  
08/07/2021  
1 Media contribution

#### **SPILDEVANDSRENSNING FORHINDRER FEMINISERING AF HANFISK**

Poul Bjerregaard  
23/05/2018  
1 Media contribution

#### **Vi hænger gerne videre**

Poul Bjerregaard  
29/06/2021  
1 Media contribution

#### **Vi hænger gerne videre**

Poul Bjerregaard  
29/06/2021  
1 Media contribution

### **Books, reports, book chapters etc. with or without peer review**

#### **Development of a crayfish (*Astacus astacus*) vitellogenin ELISA: Investigation of endocrine disrupting effects of 17beta-estradiol and Bisphenol A**

Holbech, H., Pedersen, K. L., Korsgaard, B. & Bjerregaard, P., 2005, *SETAC Europe, 15th Annual Meeting, Abstracts*. p. 366

#### **Survey of the estrogenic activity in the Danish aquatic environment**

Ingerslev, F., Stuer-Lauridsen, F., Kjølholt, J., Bjerregaard, P., Jacobsen, B. F., Hansen, N., Køppen, B., Halling-Sørensen, B., Hansen, M., Andersen, H. R. & Krogh, K. A., 2005, *SETAC Europe, 15th Annual Meeting, Abstracts*. p. 39-39

#### **Video tracking of locomotory behaviour in freshwater invertebrates as a biomarker of toxicant exposure and effect**

Nørum, U. & Bjerregaard, P., 2005, *SETAC Europe, 15th Annual Meeting, Abstracts*. p. 383

### **Conference presentations**

#### **Hair as a matrix for assessing mercury concentrations in polar bears, *Ursus maritimus*: Variability along single hairs and location on the bear**

Kolind, R., Dietz, R. & Bjerregaard, P., 2017. 1 p.

#### **Is nitrate an endocrine active compound in fish?**

Pedersen Mose, M., Kinnberg, K. L., Bjerregaard, P. & Holbech, H., 25. May 2016.

#### **Let's discuss: Endocrine Biomarkers in bivalves - facts and pitfalls**

Morthorst, J. E., Pedersen, K. L., Holbech, H. & Bjerregaard, P., 2015.

#### **Identity and synthesis of the major egg yolk proteins of the fresh water mussel *Unio tumidus* and its occurrence and inducibility during a full reproductive cycle**

Pedersen, K. L., Morthorst, J. E., Holbech, H., Kinnberg, K. L., Madsen, S. & Bjerregaard, P., 2014.

**Evaluation of yolk protein as biomarkers for endocrine disruption in molluscs**

Morthorst, J. E., Holbech, H., Kinnberg, K. L., Pedersen, K. L. & Bjerregaard, P., Nov 2013.

**Discharge from houses in the open land: A potential source of oestrogenicity to headwater streams**

Morthorst, J. E., Korsholm Mathiesen, K., Holbech, H., Pedersen, K. L. & Bjerregaard, P., 28. May 2013.

**The use of yolk protein as biomarkers for endocrine disruption in molluscs**

Holbech, H., Kinnberg, K. L., Bjerregaard, P., Morthorst, J. E. & Pedersen, K. L., 19. May 2013. 1 p.

**Teratogenic effects of 17 $\beta$ -estradiol and other environmental chemicals in eelpout *Zoarces viviparus***

Morthorst, J. E., Brande-Lavridsen, N., Korsgaard, B. & Bjerregaard, P., May 2013.

**Concentration-response relationship for teratogenic effect of 17 $\beta$ -oestradiol in eelpout *Zoarces viviparus***

Brande-Lavridsen, N., Morthorst, J. E., Korsgaard, B. & Bjerregaard, P., May 2012.

**Yolk protein as biomarker in bivalves**

Morthorst, J. E., Pedersen, K. L., Kinnberg, K. L., Brande-Lavridsen, N., Holbech, H., Bjerregaard, P. & Sejling, I., May 2012.

**Criteria for endocrine disrupters: report from the Danish centre on Endocrine Disrupters (CEHOS)**

Holbech, H., Bjerregaard, P., Hass, U., Christiansen, S., Boberg, J., Vinggaard, A., Andersson, A-M., Skakkebæk, N. E. & Bay, K., 2012. 1 p.

**Ibuprofen reduces zebrafish PGE2 levels but steroid hormone levels and reproductive parameters are not affected**

Morthorst, J. E., Bjerregaard, P., Van Der Kraak, G. & Lister, A., 26. Apr 2011.

**The fish sexual development test: an OECD test guideline proposal with possible relevance for environmental risk assessment. Results from the validation programme.**

Holbech, H., Brande-Lavridsen, N., Kinnberg, K. L., Bjerregaard, P., Braunbeck, T., Norrgren, L., Schäfers, C., Sumpter, J., Tatarazako, N., Katsiadaki, I., Teigeler, M., Green, J., Bomke, C., Springer, T., Gourmelon, A., Chisumi, E., Nakagawa, R., Barber, I., Örn, S., Baumann, L. & 2 others, Ruehl-Fehlert, C. & Dorgerloh, M., 26. May 2010.

**Estrogenic effects of phytoestrogens in brown trout (*Salmo trutta*)**

Nielsen, L. M., Holbech, H., Bjerregaard, P. & Iindegaard Kleine, L., 24. May 2010.