

Henrik Holbech
Biologisk Institut
Økotoxikologi
E-mail: hol@biology.sdu.dk
Telefon: +4565502770



Publikationer

Exploring BPA alternatives – Environmental levels and toxicity review

Adamovsky, O., Groh, K. J., Białk-Bielińska, A., Escher, B. I., Beaudouin, R., Mora Lagares, L., Tollefsen, K. E., Fenske, M., Mulkiewicz, E., Creusot, N., Sosnowska, A., Loureiro, S., Beyer, J., Repetto, G., Štern, A., Lopes, I., Monteiro, M., Zikova-Kloas, A., Eleršek, T., Vračko, M., & 23 flereZdybel, S., Puzyn, T., Koczur, W., Ebsen Morthorst, J., Holbech, H., Carlsson, G., Örn, S., Herrero, Ó., Siddique, A., Liess, M., Braun, G., Srebny, V., Žegura, B., Hinfray, N., Brion, F., Knapen, D., Vandeputte, E., Stinckens, E., Vergauwen, L., Behrendt, L., João Silva, M., Blaha, L. & Kyriakopoulou, K., jul. 2024, I: *Environment International*. 189, 29 s., 108728.

The generation gap in endocrine disruption: Can the integrated fish endocrine disruptor test (iFEDT) bridge the gap by assessing intergenerational effects of thyroid hormone system disruption?

Fagundes, T., Pannetier, P., Gözl, L., Behnstedt, L., Morthorst, J., Vergauwen, L., Knapen, D., Holbech, H., Braunbeck, T. & Baumann, L., jul. 2024, I: *aquatic toxicology*. 272, 12 s., 106969.

Development of the integrated fish endocrine disruptor test (iFEDT)-Part A: Merging of existing fish test guidelines

Pannetier, P., Gözl, L., Pissarreira Mendes Fagundes, M. T., Knörr, S., Behnstedt, L., Coordes, S., Matthiessen, P., Morthorst, J. E., Vergauwen, L., Knapen, D., Holbech, H., Braunbeck, T. & Baumann, L., maj 2024, I: *Integrated Environmental Assessment and Management*. 20, 3, s. 817-829

Development of the integrated fish endocrine disruptor test—Part B: Implementation of thyroid-related endpoints

Gözl, L., Pannetier, P., Fagundes, M. T. P. M., Knörr, S., Behnstedt, L., Coordes, S., Matthiessen, P., Morthorst, J., Vergauwen, L., Knapen, D., Holbech, H., Braunbeck, T. & Baumann, L., maj 2024, I: *Integrated Environmental Assessment and Management*. 20, 3, s. 830-845

Bisphenol A alters retinal morphology, visually guided behavior, and thyroid hormone levels in zebrafish larvae

Volz, S. N., Poulsen, R., Hansen, M. & Holbech, H., jan. 2024, I: *Chemosphere*. 348, 10 s., 140776.

Comprehensive mapping of the AOP-Wiki database: identifying biological and disease gaps

Jaylet, T., Coustillet, T., Smith, N. M., Viviani, B., Lindeman, B., Vergauwen, L., Myhre, O., Yazar, N., Gostner, J. M., Monfort-Lanzas, P., Jornod, F., Holbech, H., Coumoul, X., Sarigiannis, D. A., Antczak, P., Bal-Price, A., Fritsche, E., Kuchovska, E., Stratidakis, A. K., Barouki, R., & 5 flereKim, M. J., Taboureau, O., Wojewodzic, M. W., Knapen, D. & Audouze, K., 2024, I: *Frontiers in Toxicology* . 6, 22 s., 1285768.

Microplastic contamination in seawater across global marine protected areas boundaries

Nunes, B. Z., Huang, Y., Ribeiro, V. V., Wu, S., Holbech, H., Moreira, L. B., Xu, E. G. & Castro, I. B., 1. jan. 2023, I: *Environmental Pollution*. 316, 1, 120692.

Thyroid-like hormone signaling in invertebrates and its potential role in initial screening of thyroid hormone system disrupting chemicals

Morthorst, J. E., Holbech, H., De Crozé, N., Matthiessen, P. & LeBlanc, G. A., jan. 2023, I: *Integrated Environmental Assessment and Management*. 19, 1, s. 63-82

New approach methods to improve human health risk assessment of thyroid hormone system disruption-a PARC project

Ramhøj, L., Axelstad, M., Baert, Y., Cañas-Portilla, A. I., Chalmel, F., Dahmen, L., De La Vieja, A., Evrard, B., Haigis, A-C., Hamers, T., Heikamp, K., Holbech, H., Iglesias-Hernandez, P., Knapen, D., Marchandise, L., Morthorst, J. E., Nikolov, N. G., Nissen, A. C. V. E., Oelgeschlaeger, M., Renko, K., & 10 flereRogiers, V., Schüürmann, G., Stinckens, E., Stub, M. H., Torres-Ruiz, M., Van Duursen, M., Vanhaecke, T., Vergauwen, L., Wedeby, E. B. & Svingen, T., 2023, I: *Frontiers in Toxicology* . 5, s. 1189303 10 s.

Evidenced-Based Approaches to Support the Development of Endocrine-Mediated Adverse Outcome Pathways: Challenges and Opportunities

Audouze, K. M. L., Zgheib, E., Abass, K., Baig, A. H., Forner-Piquer, I., Holbech, H., Knapen, D., Leonards, P. E. G., Lupu, D. I., Palaniswamy, S., Rautio, A., Sapounidou, M. & Martin, O. V., dec. 2021, I: *Frontiers in Toxicology* . 3, 10 s., 787017.

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, I: *Ecotoxicology and Environmental Safety*. 224, 6 s., 112657.

Thymus development in the zebrafish (*Danio rerio*) from an ecoimmunology perspective

Kernen, L., Rieder, J., Duus, A., Holbech, H., Segner, H. & Bailey, C., dec. 2020, I: *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*. 333, 10, s. 805-819

Raman spectroscopy as a tool for viability assessment of planktonic organisms in UV treated ballast water

Andreasen, M., Lundgreen, K., Holbech, H. & Hedegaard, M. A. B., 1. sep. 2020, I: *Vibrational Spectroscopy*. 110, 8 s., 103142.

Toward an AOP network-based tiered testing strategy for the assessment of thyroid hormone disruption

Knapen, D., Stinckens, E., Cavallin, J. E., Ankley, G. T., Holbech, H., Villeneuve, D. L. & Vergauwen, L., 21. jul. 2020, I: *Environmental Science & Technology*. 54, 14, s. 8491-8499

ERGO: Breaking Down the Wall between Human Health and Environmental Testing of Endocrine Disrupters

Holbech, H., Matthiessen, P., Hansen, M., Schüürmann, G., Knapen, D., Reuver, M., Flamant, F., Sachs, L., Kloas, W., Hilscherova, K., Leonard, M., Arning, J., Strauss, V., Iguchi, T. & Baumann, L., 22. apr. 2020, I: *International Journal of Molecular Sciences* . 21, 8

Does hepatotoxicity interfere with endocrine activity in zebrafish (*Danio rerio*)?

Baumann, L., Holbech, H., Schmidt-Posthaus, H., Moissl, A. P., Hennies, M., Tiedemann, J., Weltje, L., Segner, H. & Braunbeck, T., jan. 2020, I: *Chemosphere*. 238, s. 124589 11 s.

Ballast water UV treatment effectiveness, an ATR-FTIR approach: Detection of UV damage in micro-phytoplankton

Jouvet, L., Holbech, H. & Hedegaard, M. A. B., 2. dec. 2019.

Installation and use of ballast water treatment systems – Implications for compliance and enforcement

Gerhard, W. A., Lundgreen, K., Drillet, G., Baumler, R., Holbech, H. & Gunsch, C. K., 1. nov. 2019, I: *Ocean & Coastal Management*. 181, 104907.

Development of a novel automated analytical method for viability assessment of phytoplankton used for validation of ballast water treatment systems

Lundgreen, K., Eckford-Soper, L., Pedersen, K. L. & Holbech, H., okt. 2019, I: *Journal of Applied Phycology*. 31, 5, s. 2941-2955 15 s.

Use of standard test organisms for sound validation of UV-based ballast water treatment systems

Lundgreen, K., Holbech, H., Pedersen, K. L., Petersen, G. I., Andreasen, R. R., George, C., Drillet, G. & Andersen, M., 1. jul. 2019, I: *Marine Pollution Bulletin*. 144, s. 253-264

Raman Spectroscopy as a Tool to Measure Viability of Planktonic Organisms in UV-Treated Ballast Water

Andreasen, M., Lundgreen, K., Holbech, H. & Hedegaard, M. A. B., okt. 2018.

UV fluences required for compliance with ballast water discharge standards using two approved methods for algal viability assessment

Lundgreen, K., Holbech, H., Pedersen, K. L., Petersen, G. I., Andreasen, R. R., Drillet, G., George, C. & Andersen, M., 28. aug. 2018, I: *Marine Pollution Bulletin*. 135, s. 1090-1100

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, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 204, s. 63-70

A critical review of the environmental occurrence and potential effects in aquatic vertebrates of the potent androgen receptor agonist 17 β -trenbolone

Ankley, G. T., Coady, K. K., Gross, M., Holbech, H., Levine, S. L., Maack, G. & Williams, M., 2018, I: Environmental Toxicology and Chemistry. 37, 8, s. 2064-2078

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, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 211, s. 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, I: Environmental Toxicology and Chemistry. 37, 3, s. 839-845

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

Matthiessen, P., Ankley, G. T., Bieber, 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 flereKadlec, 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., mar. 2017, I: Integrated Environmental Assessment and Management. 13, 2, s. 267-279

Current Limitations and Recommendations to Improve Testing for the Environmental Assessment of Endocrine Active Substances

Coady, K. K., Bieber, R. C., Denslow, N. D., Gross, M., Guiney, P. D., Holbech, H., Karouna-Renier, N. K., Katsiadaki, I., Krueger, H., Levine, S. L., Maack, G., Williams, M., Wolf, J. C. & Ankley, G. T., 2017, I: Integrated Environmental Assessment and Management. 13, 2, s. 302-316

Development and validation of an OECD reproductive toxicity test guideline with the mudsnail *Potamopyrgus antipodarum* (Mollusca, Gastropoda)

Ruppert, K., Geiß, C., Askem, C., Benstead, R., Brown, R., Coke, M., Ducrot, V., Egeler, P., Holbech, H., Hutchinson, T. H., Kinnberg, K. L., Lagadic, L., Le Page, G., Macken, A., Matthiessen, P., Ostermann, S., Schimera, A., Schmitt, C., Seeland-Fremer, A., Smith, A. J., & 2 flereWeltje, L. & Oehlmann, J., 2017, I: Chemosphere. 181, s. 589-599

Validation of the OECD reproduction test guideline with the New Zealand mudsnail *Potamopyrgus antipodarum* using trenbolone and prochloraz

Geiss, C., Ruppert, K., Askem, C., Barroso, C., Faber, D., Ducrot, V., Holbech, H., Hutchinson, T. H., Kajankari, P., Kinnberg, K. L., Lagadic, L., Matthiessen, P., Morris, S., Neiman, M., Penttinen, O-P., Sanchez-Marin, P., Teigeler, M., Weltje, L. & Oehlmann, J., 2017, I: Ecotoxicology. 26, 3, s. 370-382

Optimizing the design of a reproduction toxicity test with the pond snail *Lymnaea stagnalis*

Charles, S., Ducrot, V., Azam, D., Benstead, R., Brettschneider, D., De Schampelaere, K., Filipe Goncalves, S., Green, J. W., Holbech, H., Hutchinson, T. H., Faber, D., Laranjeiro, F., Matthiessen, P., Norrgren, L., Oehlmann, J., Reategui-Zirena, E., Seeland-Fremer, A., Teigeler, M., Thome, J-P., Tobor Kaplon, M., & 2 flereWeltje, L. & Lagadic, L., 25. jul. 2016, I: Regulatory Toxicology and Pharmacology. 81, s. 47-56

Sexual disruption in zebrafish (*Danio rerio*) exposed to mixtures of 17 α -ethinylestradiol and 17 β -trenbolone

Örn, S., Holbech, H. & Norrgren, L., 4. jan. 2016, I: Environmental Toxicology and Pharmacology. 41, January, s. 225-231

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

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

Information/testing strategies for identification of substances with endocrine disrupting properties

Christiansen, S., Holbech, H., Bjerregaard, P. & Hass, U., 16. okt. 2015. 1 s.

Development and validation of an OECD reproductive toxicity test guideline with the pond snail *Lymnaea stagnalis* (Mollusca, Gastropoda)

Ducrot, V., Askem, C., Azam, D., Brettschneider, D., Brown, R., Charles, S., Coke, M., Collinet, M., Delignette-Muller, M-L., Forfait-Dubuc, C., Holbech, H., Hutchinson, T., Jach, A., Kinnberg, K. L., Lacoste, C., Le Page, G., Matthiessen, P., Oehlmann, J., Rice, L., Roberts, E., & flereRuppert, K., Davis, J. E., Veauvy, C., Weltje, L., Wortham, R. & Lagadic, L., dec. 2014, I: *Regulatory Toxicology and Pharmacology*. 70, 3, s. 605-614 10 s.

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, I: *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*. 166, November, s. 88-95

Persistence of endocrine disruption in zebrafish (*Danio rerio*) after discontinued exposure to the androgen 17 β -trenbolone

Baumann, L., Knörr, S., Keiter, S., Nagel, T., Rehberger, K., Volz, S., Oberrauch, S., Schiller, V., Fenske, M., Holbech, H., Segner, H. & Braunbeck, T., nov. 2014, I: *Environmental Toxicology and Chemistry*. 33, 11, s. 2488-2496

Reversibility of endocrine disruption in zebrafish (*Danio rerio*) after discontinued exposure to the estrogen 17 α -ethinylestradiol

Baumann, L., Knörr, S., Keiter, S., Rehberger, K., Volz, S., Schiller, V., Fenske, M., Holbech, H., Segner, H. & Braunbeck, T., 15. aug. 2014, I: *Toxicology and Applied Pharmacology*. 278, 3, s. 230-237 8 s.

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, I: *Aquatic Toxicology*. 144-145, s. 19-25

Can yolk proteins in molluscs be used as biomarkers for estrogenic effect?

Holbech, H., Kinnberg, K. L., Morthorst, J. E., Pedersen, K. L. & Bjerregaard, P., 28. maj 2013. 1 s.

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. maj 2013.

Vitellogenin in Brown trout *Salmo trutta* as a biomarker for estrogenic effect

Morthorst, J. E., Korsholm Mathiesen, K., Holbech, H., Pedersen, K. L. & Bjerregaard, P., 28. maj 2013. 1 s.

The maturity index as a tool to facilitate the interpretation of changes in vitellogenin production and sex ratio in the Fish Sexual Development Test

Baumann, L., Holbech, H., Keiter, S., Kinnberg, K. L., Knörr, S., Nagel, T. & Braunbeck, T., 15. mar. 2013, I: *Aquatic Toxicology*. 128- 129, s. 34- 42 9 s.

Guidance Document on Standardised Test Guidelines for Evaluating Chemicals for Endocrine Disruption

Satya, S., Wade, M., Hass, U., Holbech, H., Løfstedt, M., Vinggaard, A. M., Tyle, K. H., Juul Nielsen, P., Holmer, M. L. & Christiansen, S., 24. aug. 2012, Organisation for Economic cooperation and development. 524 s. (OECD Environment, Health and Safety Publications, Bind 150).

Long-term effects of a binary mixture of perfluorooctane sulfonate (PFOS) and bisphenol A (BPA) in zebrafish (*Danio rerio*).

Keiter, S., Baumann, L., Farber, H., Holbech, H., Skutlarek, D., Engwall, M. & Braunbeck, T., 15. aug. 2012, I: *Aquatic Toxicology*. 118-119, s. 116-129 14 s.

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., Örn, S., Braunbeck, T., Baumann, L., Bomke, C., Dorgerloh, M., Bruns, E., Ruehl-Fehlert, C., Green, J. W., Springer, T. A. & Gourmelon, A., 2012, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 155, 2, s. 407-415 9 s.

VALIDATION REPORT (PHASE 2) FOR THE FISH SEXUAL DEVELOPMENT TEST FOR THE DETECTION OF ENDOCRINE ACTIVE SUBSTANCES

Holbech, H., Kinnberg, K. L. & Petersen, G., 28. jul. 2011, Organisation for Economic cooperation and development. 85 s. (OECD Environment, Health and Safety Publications, Bind 142).

Report of the Phase 1 of the Validation of the Fish Sexual Development Test for the Detection of Endocrine Active Substances

Holbech, H., Kinnberg, K. L. & Petersen, G., 27. jul. 2011, Organisation for Economic cooperation and development. 91 s. (OECD. Series on Testing and Assessment, Bind 141).

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

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

Oral exposure of adult zebrafish (*Danio rerio*) to 2,4,6-tribromophenol affects reproduction

Halden, A. N., Nyholm, J. R., Andersson, P. L., Holbech, H. & Norrgren, L., 2010, I: Aquatic Toxicology. 100, 1, s. 30-37 8 s.

Trenbolone causes irreversible masculinization of zebrafish at environmentally relevant concentrations

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

Differential gene expression and biomarkers in zebrafish (*Danio rerio*) following exposure to produced water components

Holth, T-F., Nourizadeh-Lillabadi, R., Blæsbjerg, M., Grung, M., Holbech, H., Petersen, G., Aleström, P. & Hylland, K., 2008, I: Aquatic Toxicology. 90, s. 277-291 15 s.

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

Bjerregaard, P., Hansen, P. R., Larsen, K. J., Erratico, C., Korsgaard, B. & Holbech, H., 2008, I: Environmental Toxicology and Chemistry. 27, 11, s. 2387-2396 10 s.

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

Kinnberg, K., Holbech, H., Petersen, G. I. & Bjerregaard, P., 2007, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 145, s. 165-170 6 s.

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, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 144, s. 57-66

Male-Biased Sex Ratios and Vitellogenin Induction in Zebrafish Exposed to Effluent Water from a Swedish Pulp Mill

Örn, S., Svenson, A., Viktor, T., Holbech, H. & Norrgren, L., 2006, I: Archives of Environmental Contamination and Toxicology. 51, s. 445-451

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, I: Fish Physiology & Biochemistry. 30, s. 257-266

Effects of exposure to 17 alpha-ethinylestradiol during early development on sexual differentiation and induction of vitellogenin in zebrafish (*Danio rerio*)

Andersen, L., Holbech, H., Norrgren, L., Gessbo, A. & Petersen, G. I., 10. mar. 2003, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 134, 3, s. 365 374 s., PII S1532-0456(03)00006-1.

Gonad development and vitellogenin production in zebrafish (*Danio rerio*) exposed to ethinylestradiol and methyltestosterone

Örn, S., Holbech, H., Madsen, T. H., Norrgren, L. & Petersen, G., 2003, I: Aquatic Toxicology. s. 397-411 15 s.

Vitellogenin expression in zebrafish *Danio rerio*: evaluation by histochemistry, immunohistochemistry, and in situ mRNA hybridisation

Van der Ven, L. T. M., Holbech, H., Fenske, M., Van den Brandhof, E.-J., Wester, P. W. & Gielis-Proper, F. K., 2003, I: Aquatic Toxicology. 65, 1, s. 1-11

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, I: Pharmacology & Toxicology. 91, s. 204-208

Vitellogenin induction by 17 β -estradiol and 17 α -ethinylestradiol in male zebrafish (*Danio rerio*)

Rose, J., Holbech, H., Lindholm, C., Nørum, U., Povlsen, A., Korsgaard, B. & Bjerregaard, P., 2002, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 131, s. 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, I: Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology. 130, 1, s. 119-131 13 s.

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, I: Aquatic Ecosystem Health & Management. 4, 3, s. 275-282 8 s.

Aktiviteter

SETAC Europe 33rd Annual meeting

Holbech, H. (Arrangør)
3. maj 2023

SETAC Europe 33rd Annual meeting

Holbech, H. (Deltager)
30. apr. 2023 → 4. maj 2023

Forskningsrådet Formas/Swedish Research Council for Environment, Agricultural (Ekstern organisation)

Holbech, H. (Formand)
1. jan. 2023 → ...

OECD VMG-Eco (Ekstern organisation)

Holbech, H. (Næstformand)
1. okt. 2022 → ...

EFSA ONE conference 2022

Holbech, H. (Paneldeltager)
21. jun. 2022 → 24. jun. 2022

SETAC Europe 29th Annual Meeting, Helsinki, Finland

Holbech, H. (Deltager)
26. maj 2019 → 30. maj 2019

SETAC Europe 28th Annual Meeting, Rome, Italy

Holbech, H. (Deltager)

13. maj 2018 → 17. maj 2018

8th International Fresenius Conference "Endocrine Disruptors

Holbech, H. (Chairman) & Weltje, L. (Chairman)

28. nov. 2017 → 29. nov. 2017

SETAC Europe 27th Annual Meeting in Brussels, Belgium

Holbech, H. (Arrangør)

10. maj 2017

SETAC Europe 27th Annual Meeting in Brussels, Belgium

Holbech, H. (Deltager)

6. maj 2017 → 11. maj 2017

Ballastvandskonventionen og markedsmuligheder

Holbech, H. (Deltager)

28. feb. 2017

SETAC Europe 26th annual meeting

Holbech, H. (Arrangør)

25. maj 2016

SETAC Pellston Workshop

Holbech, H. (Arrangør)

31. jan. 2016 → 5. feb. 2016

BlueSDU

Holbech, H. (Arrangør)

11. jan. 2016 → 12. jan. 2016

SETAC Latin America 11th Biennial Meeting

Holbech, H. (Deltager)

7. sep. 2015 → 11. sep. 2015

SETAC Europe 25th annual meeting

Holbech, H. (Arrangør)

7. maj 2015

Meeting of the OECD mollusc expert group

Holbech, H. (Arrangør)

19. feb. 2015 → 20. feb. 2015

SETAC Europe 24th Annual Meeting

Holbech, H. (Deltager)

10. maj 2014 → 15. maj 2014

OECD meeting in the mollusc expert group

Holbech, H. (Deltager)

10. apr. 2014 → 11. apr. 2014

Meeting in the ECHA ED expert group

Holbech, H. (Deltager)

13. feb. 2014 → 14. feb. 2014

European Chemical Agency Endocrine Disrupter Expert Group (Ekstern organisation)

Holbech, H. (Medlem)

1. nov. 2013 → ...

SETAC Europe 23rd meeting

Holbech, H. (Deltager)

12. maj 2013 → 16. maj 2013

SETAC 6th World Congress

Holbech, H. (Deltager)

20. maj 2012 → 24. maj 2012

SETAC Europe, 21st annual meeting

Holbech, H. (Deltager)

15. maj 2011 → 19. maj 2011

OECD (Ekstern organisation)

Holbech, H. (Medlem)

1. apr. 2008 → ...

OECD (Ekstern organisation)

Holbech, H. (Medlem)

1. jan. 2007 → ...

OECD (Ekstern organisation)

Holbech, H. (Medlem)

1. jan. 2007 → ...

Presseklip

Bedre tests skal identificere hormonforstyrrende stoffer

Holbech, H.

21/02/2019

1 Mediebidrag

Danske forskere spiller central rolle i kæmpe forskningsindsats om hormonforstyrrende stoffer

Holbech, H.

22/02/2019

1 Mediebidrag

Datamangel gør det svært at identificere hormonforstyrrende stoffer

Holbech, H.

30/04/2024

1 Mediebidrag

EU igangsætter sin største indsats nogensinde for bedre at beskytte forbrugere og miljøet mod hormonforstyrrende stoffer

Holbech, H.

19/02/2019

1 Mediebidrag

EU igangsætter sin største indsats nogensinde for bedre at beskytte forbrugere og miljøet mod hormonforstyrrende stoffer

Holbech, H.

19/02/2019

1 Mediebidrag

EU igangsætter sin største indsats nogensinde for bedre at beskytte forbrugere og miljøet mod hormonforstyrrende stoffer

Holbech, H.
20/02/2019
1 Mediebidrag

EU og forskning DR P4-Fyn

Holbech, H.
07/05/2019
1 element af Mediedækning

EU's kemi-kontrol virker ikke

Holbech, H.
30/05/2017
1 Mediebidrag

Farlige stoffer i omløb: Kemi-firmaer gambler med dit helbred

Holbech, H.
17/05/2017
1 Mediebidrag

Forurenet spildevand hober sig op ved Nordic Waste

Holbech, H.
01/02/2024
1 Mediebidrag

Hormonforstyrrende stoffer: SDU-forskere sikrer bedre kontrol

Holbech, H.
21/02/2019
1 Mediebidrag

Kaos i EU forsinket forbud mod hormonforstyrrende stoffer

Holbech, H. & Bjerregaard, P.
06/06/2017
1 Mediebidrag

kemikalierregulering i EU og virksomheders manglende test af kemikalier

Holbech, H.
17/05/2017
1 element af Mediedækning

New EU-funded project to explore ways to improve current testing tools for EDCs

Holbech, H.
07/03/2019
1 Mediebidrag

New research to protect human and environmental health focuses on improved testing for Endocrine Disrupting Chemicals

Holbech, H.
06/03/2019
1 Mediebidrag

Nordic Waste: konsekvenser for vandmiljøet hvis spildevand ender i Alling Å

Holbech, H.
01/02/2024
1 Mediebidrag

Ny ekspertgruppe vil adressere truslen fra invasive arter i marine økosystemer

Holbech, H.
07/09/2023
1 Mediebidrag

Ny SDU-ekspertgruppe vil adressere truslen fra invasive arter i marine økosystemer

Holbech, H.
08/09/2023
1 Mediebidrag

P4 Esbjerg regionale nyheder

Holbech, H.
05/10/2020
1 Mediebidrag

P4 Fyn regionale nyheder

Holbech, H.
05/10/2020
1 Mediebidrag

P4 Fyn regionale nyheder

Holbech, H.
05/10/2020
1 Mediebidrag

P4 Fyn regionale nyheder

Holbech, H.
05/10/2020
1 Mediebidrag

P4 Syd regionale nyheder

Holbech, H.
05/10/2020
1 Mediebidrag

P4 Trekanten regionale nyheder

Holbech, H.
05/10/2020
1 Mediebidrag

P4 Trekanten regionale nyheder

Holbech, H.
05/10/2020
1 Mediebidrag

PRM / EU igangsætter sin største indsats nogensinde for bedre at beskytte forbrugere og miljøet mod hormonforstyrrende stoffer

Holbech, H.
19/02/2019
1 Mediebidrag

PRM / Ny SDU-ekspertgruppe vil adressere truslen fra invasive arter i marine økosystemer

Holbech, H.
08/09/2023
1 Mediebidrag

PRM / Ny SDU-ekspertgruppe vil adressere truslen fra invasive arter i marine økosystemer

Holbech, H.
08/09/2023
1 Mediebidrag

Radioavisen

Holbech, H.
05/10/2020
1 Mediebidrag

SDU-forskere har udviklet unik test

Holbech, H.
17/03/2012
1 element af Mediedækning

SDU-forskere sikrer bedre kontrol for farlige stoffer

Holbech, H.
21/02/2019
1 Mediebidrag

SDU-forskere sikrer bedre kontrol for farlige stoffer

Holbech, H.
21/02/2019
1 Mediebidrag

SDU-forskere skal finde ny testmetode for hormonforstyrrende stoffer

Holbech, H.
20/02/2019
1 Mediebidrag

SDU koordiniert internationale Forschung

Holbech, H.
19/02/2019
1 Mediebidrag

SDU koordiniert internationale Forschung

Holbech, H.
20/02/2019
1 Mediebidrag

STORT & SMÅT

Holbech, H.
18/03/2019
1 Mediebidrag

Truslerne fra mikrouniverset

Holbech, H.
25/06/2020
1 Mediebidrag

TV 2 Nyhederne 19.00

Holbech, H.
28/04/2023
1 Mediebidrag

Udvikling og forbedring af tests til identifikation af hormonforstyrrende stoffer

Holbech, H.

12/04/2022

1 Mediebidrag