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The Hormone and Endocrine Disruptor Laboratory Group

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EDUCATION

2004: PhD, Department of Life Sciences and Chemistry, Roskilde University

1999: Master of Science (MSc) in chemistry and molecular biology, Department of Life Sciences and Chemistry, Roskilde University

1982: Laboratory technician certification, Laboratory Technician School, Copenhagen

PROFESSIONAL CAREER

Since 2006: Senior scientist and leader of the analytical chemistry laboratory, Dep. of Growth and Reproduction, Rigshospitalet, University of Copenhagen

2006: Scientist in the group of bioactive food components and vitamins at Department of Food
Chemistry, Danish Institute for Food and Veterinary Research

2003-2005: Post doc in the group of prevention and life style diseases, Department of Toxicology and Risk Assessment, Danish Institute for Food and Veterinary Research

2000-2003: PhD student at the EU-project: Heterocyclic Amines in cooked foods - Role in Human Health. Institute of Food Safety and Nutrition, Danish Institute for Food and Veterinary Research

1983-1992: Laboratory Technician, the National Museum of Denmark
1982: Laboratory Technician, S. Dyrup and CO, Søborg, Denmark

1981-1982: Laboratory Trainee, Technical University of Denmark and the National Museum of Denmark

SCIENTIFIC ACTIVITIES AND RESEARCH

As senior scientist my primary research area since 2006 has been 1) development of advanced multiple LC-MS/MS methods for the analysis of steroid hormones and non-persistent endocrine disrupting chemicals (EDCs) in biological matrices and 2) human biomonitoring (HBM) and research on exposure to EDCs and their metabolic distribution, breakdown and excretion as well as interactions between EDCs and natural steroid hormones and other effects on human reproductive health and 3) development of human reference materials for steroid hormones based on LC-MS/MS measurements for use in the clinic and research projects. Participate in national as well as international research projects.

PROJECT AND LABORATORY MANAGEMENT

Project leader in HBM studies for e.g. the National Centre on Endocrine Disrupters (cend.dk).
As leader of the analytical chemistry laboratory at Dep. of Growth and Reproduction, I am overall responsible for development, operating and maintenance of all analytical methods based on LC-MS/MS technologies in the department. The laboratory analyzes more than 12.000 patient and research samples per year and cover over methods for steroid hormones, EDCs and peptide hormones including from 3 to 38 analytes per method. The laboratory is DANAK accredited and participates in inter-laboratory validation and control programs and serves as reference laboratory in international harmonized approach programs for HMB (HBM4EU).

IN GENERAL

Member of the Hormone and Endocrine Disruptor Laboratory Group at the Dep. of Growth and Reproduction, Rigshospitalet
Member of the editorial board (associated editor) for “International Journal of Hygiene and Environmental Health” (IJHEH) from May 2016.
Guest editor on special issue of Andrology 2016 and Reproduction 2014.
Frequent referee for more than 10 different international journals.

PREVIOUS RESEARCH ACTIVITIES

My Previous research (2000-2006) has been focused on bioavailability, metabolism, DNA-adduct formation and excretion of toxic and carcinogenic compounds, as well as health promoting substances. Have expertise in synthesis of reference compounds, method development and chemical analysis using advanced LC-MS/MS technology

TOTAL NUMBER OF PUBLICATIONS with peer review: 94 (Aug.2019)
H-INDEX: 32 (ISI, web of science); 36 (google scholar)
Citations: >3200 (ISI, web of science), >4700 (google scholar)
ORCID: 0000-0002-3180-9879

OTHER PUBLICATIONS: 4
BOOK CHAPTERS: 2
SCIENTIFIC REPORTS: 13

Publikationer

1. Andreasen, Sarah Munk ; Lund, Lars Christian ; Bilenberg, Niels et al. / **Maternal paracetamol use during pregnancy and child IQ at age 7 : A prospective cohort study**. I: Early Human Development. 2026 ; Bind 222.
2. Bendix, Fie ; Priskorn, Lærke ; Jørgensen, Niels et al. / **Isotretinoin use is associated with persistent alterations in male reproductive function**. I: medRxiv : the preprint server for health sciences. 2026.
3. Edström, P. B. ; Holmboe, S. A. ; Vilmann, L. et al. / **ACTH and renin in 529 healthy youths : associations to sex, puberty and contraceptives**. I: Endocrine Connections. 2026 ; Bind 15, Nr. 3.
4. Fischer, Margit B. ; Mola, Gylli ; Sundberg, Karin et al. / **Fetal exposure to paracetamol is associated with altered markers of ovarian development and reduced uterine volume in girls : the COPANA study**. I: Human reproduction open. 2026 ; Bind 2026, Nr. 3.
5. Hufnagel, Antonia ; Frederiksen, Hanne ; Albrethsen, Jakob et al. / **Mapping of sex hormones in the testicular vein of healthy men**. I: The Journal of clinical endocrinology and metabolism. 2026 ; Bind 111, Nr. 9. s. 2483-2492.
6. Iversen, Anna-Patricia ; Bruun, Jessica ; Lund, Lars Christian et al. / **Prenatal exposure to the pesticides chlorpyrifos and 2,4-Dichlorophenoxyacetic acid is associated with circulating levels of reproductive hormones in healthy infant girls**. I: Reproductive Toxicology. 2026 ; Bind 139.
7. Juel Mortensen, Li ; He, Yi ; Blomberg Jensen, Martin et al. / **Longitudinal Circulating Procollagen-markers PRO-C1 and PRO-C2 Reflect Pubertal Growth Spurt in Healthy Adolescents**. I: The Journal of clinical endocrinology and metabolism. 2026 ; Bind 111, Nr. 11. s. 3250-3261.
8. Koskela, Mikael ; Duffin, Kathleen ; Korhonen, Melanie et al. / **Pubertal Testicular Function in Childhood Cancer Survivors and Future Fertility**. I: JAMA network open. 2026 ; Bind 9, Nr. 10. s. e2638294.
9. Leunbach, Tina L ; Ernst, Andreas ; Johannsen, Trine Holm et al. / **Reproductive hormones during minipuberty suggest subtle testicular impairments in boys with hypospadias**. I: The Journal of clinical endocrinology and metabolism. 2026 ; Bind 111, Nr. 5. s. 1329-1336.
10. Mola, Gylli ; Draskau, Monica Kam ; Jørgensen, Anne et al. / **Prenatal antifungal exposure disrupts fetal steroidogenesis and is associated with persistent effects in children**. I: Communications medicine. 2026 ; Bind 6, Nr. 1.

11. Mola, Gylli ; Fischer, Margit Bistrup ; Frederiksen, Hanne et al. / **Prenatal exposure to paracetamol is associated with smaller testicular volume : a COPANA cohort study of 287 healthy infant boys**. I: Human reproduction open. 2026 ; Bind 2026, Nr. 4.
12. Westgate, Connar Stanley James ; Lylloff, Tanja ; Kristensen, David Møbjerg et al. / **Adrenal gland dysfunction in males with cluster headache**. I: Journal of Headache and Pain. 2026 ; Bind 27, Nr. 1.
13. Abildgaard, Julie ; Aleliunaite, Aiste ; Horvath, Carla et al. / **Sex Hormone-Binding Globulin Controls Sex-Specific Lipolytic Activity in Human Abdominal Subcutaneous Adipocytes**. I: Molecular Metabolism. 2025 ; Bind 98. s. 102189.
14. Andreasen, Sarah Munk ; Lund, Lars Christian ; Hagen, Casper P. et al. / **Maternal urinary paracetamol concentrations and self-reported paracetamol use in mid-gestation : Association to reduced anogenital distance in Offspring from infancy to 9 years**. I: Reproductive Toxicoloy. 2025 ; Bind 135.
15. Beck, Astrid L. ; Bräuner, Elvira V. ; Uldbjerg, Cecilie S. et al. / **Maternal urinary concentrations of bisphenol A during pregnancy and birth size in children from the Odense Child Cohort**. I: Environmental Health: A Global Access Science Source. 2025 ; Bind 24, Nr. 1.
16. Busch, Alexander Siegfried ; Ljubicic, Marie Lindhardt ; Upners, Emmie N et al. / **Serum steroid metabolome dynamics in infancy : a longitudinal cohort study of healthy infants**. I: European Journal of Endocrinology. 2025 ; Bind 193, Nr. 4. s. 403-411.
17. Fischer, Margit Bistrup ; Mola, Gylli ; Rom, Ane Lilleøre et al. / **Ovarian and Uterine Morphology in Minipuberty : Associations with Reproductive Hormones. A COPANA Study of 302 girls**. I: The Journal of clinical endocrinology and metabolism. 2025 ; Bind 110, Nr. 4. s. 1015-1022.
18. Frederiksen, Hanne ; Koch, Holger M ; Müller, Stine et al. / **Extensive exposure to di-n-hexyl phthalate with significant seasonal variation across infants, children and adults including pregnant women in Denmark**. I: International Journal of Hygiene and Environmental Health. 2025 ; Bind 268.
19. Homburg, Mai ; Martín Monreal, María Teresa ; Rasmussen, Åse Krogh et al. / **Effects of triclosan on cytokine production by human immune cells in vitro**. I: Environment International. 2025 ; Bind 202.
20. Jakobsen, Nanna E ; Holm Petersen, Jørgen ; Aksglaede, Lise et al. / **Adolescent acne : association to sex, puberty, testosterone and dihydrotestosterone**. I: Endocrine Connections. 2025 ; Bind 14, Nr. 5.
21. Nielsen, Brian S ; Petersen, Morten R ; Martin-Gonzalez, Javier et al. / **Paracetamol (N-acetyl-para-aminophenol) disrupts early embryogenesis by cell cycle inhibition**. I: Human Reproduction. 2025 ; Bind 40, Nr. 10. s. 1860-1876.
22. Assens, Maria ; Frederiksen, Hanne ; Pedersen, Anette Tønnes et al. / **Prenatal phthalate exposure and pubertal development in 16-year-old daughters : reproductive hormones and number of ovarian follicles**. I: Human Reproduction. 2024 ; Bind 39, Nr. 11. s. 2501-2511.
23. Beck, Astrid L ; Rehfeld, Anders ; Mortensen, Li J et al. / **Ovarian follicular fluid levels of phthalates and benzophenones in relation to fertility outcomes**. I: Environment International. 2024 ; Bind 183. s. 108383.
24. Clausen, Clara Lundetoft ; Johannsen, Trine Holm ; Skakkebæk, Niels Erik et al. / **Endogenous serum glucocorticoid concentrations, steroidogenic enzyme activity and 90-day mortality in patients hospitalized with COVID-19 : an observational cohort study**. I: Endocrine Connections. 2024 ; Bind 13, Nr. 8.
25. Desalegn, Anteneh ; Schillemans, Tessa ; Papadopoulou, Eleni et al. / **Urinary concentrations of phthalate/DINCH metabolites and body mass index among European children and adolescents in the HBM4EU Aligned Studies : A cross-sectional multi-country study**. I: Environment International. 2024 ; Bind 190.
26. Fischer, Margit Bistrup ; Mola, Gylli ; Scheel, Lone et al. / **Cohort profile : The Copenhagen Analgesic Study-The COPANA cohort**. I: Paediatric and perinatal epidemiology. 2024 ; Bind 38, Nr. 4. s. 370-381.
27. Fischer, Margit Bistrup ; Mola, Gylli ; Priskorn, Lærke et al. / **Longitudinal evaluation of fetal and infant AGD in healthy children : association with penile size, testosterone and DHT**. I: The Journal of clinical endocrinology and metabolism. 2024 ; Bind 109, Nr. 12. s. 3087-3095.
28. Frederiksen, Hanne ; Johannsen, Trine Holm ; Andersen, Stine Ehlern et al. / **Sex- and age-specific reference intervals of 16 steroid metabolites quantified simultaneously by LC-MS/MS in sera from 2458 healthy subjects aged 0 to 77 years**. I: Clinica chimica acta; international journal of clinical chemistry. 2024 ; Bind 562.
29. Gerofke, Antje ; Lange, Rosa ; Vogel, Nina et al. / **Phthalates and substitute plasticizers : Main achievements from the European human biomonitoring initiative HBM4EU**. I: International Journal of Hygiene and Environmental Health. 2024 ; Bind 259.
30. Jorsal, Mads Joon ; Yahyavi, Sam Kafai ; Andreassen , Christine Hjorth et al. / **Identification of hCG- and LH-dependent ovarian luteoma resulting in marked androgen production during pregnancy states as well as after menopause : characterization in vivo and in a human ex vivo model**. I: Endocrine Abstracts. 2024 ; Bind 2024, Nr. 99.
31. Kvam, Jone Marita ; Nybo, Maja Lind ; Torz, Lola et al. / **High incidence of imperforate vagina in ADGRA3-deficient mice**. I: BMC biology. 2024 ; Bind 22, Nr. 1. s. 77.

32. Lundgaard Riis, Malene ; Delpouve, Gaspard ; Nielsen, John E et al. / **Inhibition of WNT/β-catenin signalling during sex-specific gonadal differentiation is essential for normal human fetal testis development**. I: Cell Communication and Signaling. 2024 ; Bind 22, Nr. 1.
33. Pérez-Díaz, Celia ; Pérez-Carrascosa, Francisco M ; Riquelme-Gallego, Blanca et al. / **Serum Phthalate Concentrations and Biomarkers of Oxidative Stress in Adipose Tissue in a Spanish Adult Cohort**. I: Environmental Science & Technology. 2024 ; Bind 58, Nr. 18. s. 7719-7730.
34. Petersen, Anja S ; Kristensen, David M ; Westgate, Connar S J et al. / **Compensated Hypogonadism Identified in Males with Cluster Headache : A Prospective Case-Controlled Study**. I: Annals of Neurology. 2024 ; Bind 95, Nr. 6. s. 1149-1161.
35. Sigvaldsen, Annika ; Frederiksen, Hanne ; Højsager, Frederik Damsgaard et al. / **Prenatal and childhood exposure to bisphenols and bone mineral density in 7-year-old children from the Odense Child Cohort**. I: International Journal of Hygiene and Environmental Health. 2024 ; Bind 260.
36. Tagne-Fotso, Romuald ; Riou, Margaux ; Saoudi, Abdessattar et al. / **Exposure to bisphenol A in European women from 2007 to 2014 using human biomonitoring data - The European Joint Programme HBM4EU**. I: Environment International. 2024 ; Bind 190.
37. Bräuner, Elvira V ; Uldbjerg, Cecilie S ; Beck, Astrid L et al. / **Prenatal paraben exposures and birth size : Sex-specific associations in a healthy population - A study from the Odense Child Cohort**. I: Science of the Total Environment. 2023 ; Bind 869. s. 161748.
38. Clausen, Clara Lundetoft ; Johannsen, Trine Holm ; Skakkebæk, Niels Erik et al. / **Pituitary-gonadal hormones associated with respiratory failure in men and women hospitalized with COVID-19 : an observational cohort study**. I: Endocrine Connections. 2023 ; Bind 12, Nr. 1.
39. Govarts, Eva ; Gilles, Liese ; Rodriguez Martin, Laura et al. / **Harmonized human biomonitoring in European children, teenagers and adults : EU-wide exposure data of 11 chemical substance groups from the HBM4EU Aligned Studies (2014-2021)**. I: International Journal of Hygiene and Environmental Health. 2023 ; Bind 249.
40. Henriksen, Louise Scheutz ; Frederiksen, Hanne ; Jørgensen, Niels et al. / **Maternal phthalate exposure during pregnancy and testis function of young adult sons**. I: Science of the Total Environment. 2023 ; Bind 871.
41. Krantz, Mette Falkenberg ; Frederiksen, Hanne ; Hjorthøj, Carsten et al. / **Pubertal timing, sex hormone levels, and associations between early life adversity and accelerated development amongst 11-year-old children of parents with schizophrenia or bipolar disorder and controls : The Danish high risk and Resilience study via 11**. I: Comprehensive Psychoneuroendocrinology. 2023 ; Bind 16.
42. Lærkeholm Müller, Matilde ; Busch, Alexander Siegfried ; Ljubicic, Marie Lindhardt et al. / **Urinary concentration of phthalates and bisphenol A during minipuberty is associated with reproductive hormone concentrations in infant boys**. I: International Journal of Hygiene and Environmental Health. 2023 ; Bind 250. s. 1-10.
43. Melau, Cecilie ; Gayete Mor, Berta ; Lundgaard Riis, Malene et al. / **Dexamethasone affects human fetal adrenal steroidogenesis and subsequent ACTH response in an ex vivo culture model**. I: Frontiers in Endocrinology. 2023 ; Bind 14.
44. Munk Andreasen, Sarah ; Frederiksen, Hanne ; Bilenberg, Niels et al. / **Maternal concentrations of phthalates and Attention-Deficit Hyperactivity Disorder (ADHD-) related symptoms in children aged 2 to 4 years from Odense child cohort**. I: Environment International. 2023 ; Bind 180. s. 1-10.
45. Mustieles, Vicente ; Balogh, Ria K ; Axelstad, Marta et al. / **Benzophenone-3 : Comprehensive review of the toxicological and human evidence with meta-analysis of human biomonitoring studies**. I: Environment International. 2023 ; Bind 173.
46. Nybo, Maja L ; Kvam, Jone M ; Nielsen, John E et al. / **Loss of Adgra3 causes obstructive azoospermia with high penetrance in male mice**. I: FASEB Journal. 2023 ; Bind 37, Nr. 2.
47. Requena, Pilar ; Pérez-Díaz, Celia ; Mustieles, Vicente et al. / **Associations of circulating levels of phthalate metabolites with cytokines and acute phase reactants in a Spanish human cohort**. I: Environmental Research. 2023 ; Bind 216, Nr. Pt 2.
48. Rodriguez Martin, Laura ; Gilles, Liese ; Helte, Emilie et al. / **Time Patterns in Internal Human Exposure Data to Bisphenols, Phthalates, DINCH, Organophosphate Flame Retardants, Cadmium and Polyaromatic Hydrocarbons in Europe**. I: Toxics. 2023 ; Bind 11, Nr. 10.
49. Vilmand, Mikkel ; Beck, Iben Have ; Bilenberg, Niels et al. / **Prenatal and current phthalate exposure and cognitive development in 7-year-old children from the Odense child cohort**. I: Neurotoxicology and Teratology. 2023 ; Bind 96.
50. Vogel, Nina ; Schmidt, Phillipp ; Lange, Rosa et al. / **Current exposure to phthalates and DINCH in European children and adolescents - Results from the HBM4EU Aligned Studies 2014 to 2021**. I: International Journal of Hygiene and Environmental Health. 2023 ; Bind 249. s. 1-11.
51. Vogel, Nina ; Lange, Rosa ; Schmidt, Phillipp et al. / **Exposure to Phthalates in European Children, Adolescents and Adults since 2005 : A Harmonized Approach Based on Existing HBM Data in the HBM4EU Initiative**. I: Toxics. 2023 ; Bind 11, Nr. 3.

52. Vogel, Nina ; Frederiksen, Hanne ; Lange, Rosa et al. / **Urinary excretion of phthalates and the substitutes DINCH and DEHTP in Danish young men and German young adults between 2000 and 2017 - A time trend analysis**. I: International Journal of Hygiene and Environmental Health. 2023 ; Bind 248. s. 1-11.
53. Borgsted, Camilla ; Høgh, Stinne ; Høgsted, Emma Sofie et al. / **The role of central serotonergic markers and estradiol changes in perinatal mental health**. I: Acta Psychiatrica Scandinavica. 2022 ; Bind 146, Nr. 4. s. 357-369.
54. Bräuner, Elvira V ; Uldbjerg, Cecilie S ; Lim, Youn-Hee et al. / **Presence of parabens, phenols and phthalates in paired maternal serum, urine and amniotic fluid**. I: Environment International. 2022 ; Bind 158.
55. Busch, Alexander Siegfried ; Ljubicic, Marie Lindhardt ; Upners, Emmie N et al. / **Dynamic changes of reproductive hormones in male minipuberty : Temporal dissociation of Leydig- and Sertoli-cell activity**. I: The Journal of clinical endocrinology and metabolism. 2022 ; Bind 107, Nr. 6. s. 1560-1568.
56. Frederiksen, Hanne ; Ljubicic, Marie Lindhardt ; Upners, Emmie N et al. / **Benzophenones, bisphenols and other polychlorinated/phenolic substances in Danish infants and their parents - including longitudinal assessments before and after introduction to mixed diet**. I: Environment International. 2022 ; Bind 169.
57. Frederiksen, Hanne ; Upners, Emmie N ; Ljubicic, Marie Lindhardt et al. / **Exposure to 15 phthalates and two substitutes (DEHTP and DINCH) assessed in trios of infants and their parents as well as longitudinally in infants exclusively breastfed and after the introduction of a mixed diet**. I: Environment International. 2022 ; Bind 161.
58. Gilles, Liese ; Govarts, Eva ; Rodriguez Martin, Laura et al. / **Harmonization of Human Biomonitoring Studies in Europe : Characteristics of the HBM4EU-Aligned Studies Participants**. I: International Journal of Environmental Research and Public Health. 2022 ; Bind 19, Nr. 11.
59. Holmboe, Stine A ; Scheutz Henriksen, Louise ; Frederiksen, Hanne et al. / **Prenatal exposure to phenols and benzophenones in relation to markers of male reproductive function in adulthood**. I: Frontiers in Endocrinology. 2022 ; Bind 13.
60. Kortenkamp, Andreas ; Scholze, Martin ; Ermler, Sibylle et al. / **Combined exposures to bisphenols, polychlorinated dioxins, paracetamol, and phthalates as drivers of deteriorating semen quality**. I: Environment International. 2022 ; Bind 165.
61. Lange, Rosa ; Vogel, Nina ; Schmidt, Phillipp et al. / **Cumulative risk assessment of five phthalates in European children and adolescents**. I: International Journal of Hygiene and Environmental Health. 2022 ; Bind 246.
62. Ljubicic, Marie L ; Busch, Alexander S ; Upners, Emmie N et al. / **A Biphasic Pattern of Reproductive Hormones in Healthy Female Infants -The COPENHAGEN Minipuberty Study**. I: The Journal of clinical endocrinology and metabolism. 2022 ; Bind 107, Nr. 9. s. 2598-2605.
63. Ljubicic, Marie Lindhardt ; Madsen, Andre ; Upners, Emmie N et al. / **Longitudinal evaluation of breast tissue in healthy infants : Prevalence and relation to reproductive hormones and growth factors**. I: Frontiers in Endocrinology. 2022 ; Bind 13.
64. Lundgaard Riis, Malene ; Matilionyte, Gabriele ; Nielsen, John E et al. / **Identification of a window of androgen sensitivity for somatic cell function in human fetal testis cultured ex vivo**. I: BMC Medicine. 2022 ; Bind 20, Nr. 1.
65. Mehlsen, Agnethe ; Høllund, Lærke ; Boye, Henriette et al. / **Pregnancy exposure to bisphenol A and duration of breastfeeding**. I: Environmental Research. 2022 ; Bind 206.
66. Rehfeld, A ; Frederiksen, H ; Rasmussen, R H et al. / **Human sperm cells can form paracetamol metabolite AM404 that directly interferes with sperm calcium signalling and function through a CatSper-dependent mechanism**. I: Human reproduction (Oxford, England). 2022 ; Bind 37, Nr. 5. s. 922-935.
67. Rosolen, Valentina ; Giordani, Elisa ; Mariuz, Marika et al. / **Concurrent Assessment of Phthalates/HEXAMOLL® DINCH Exposure and Wechsler Intelligence Scale for Children Performance in Three European Cohorts of the HBM4EU Aligned Studies**. I: Toxics. 2022 ; Bind 10, Nr. 9.
68. Uldbjerg, C S ; Koch, T ; Lim, Y-H et al. / **Prenatal and postnatal exposures to endocrine disrupting chemicals and timing of pubertal onset in girls and boys : a systematic review and meta-analysis**. I: Human Reproduction Update. 2022 ; Bind 28, Nr. 5. s. 687-716.
69. Uldbjerg, Cecilie S ; Lim, Youn-Hee ; Krause, Marianna et al. / **Sex-specific associations between maternal exposure to parabens, phenols and phthalates during pregnancy and birth size outcomes in offspring**. I: Science of the Total Environment. 2022 ; Bind 836. s. 1-12.
70. Berman, Ye'elah E ; Doherty, Dorota A ; Main, Katharina M et al. / **Associations between Prenatal Exposure to Phthalates and Timing of Menarche and Growth and Adiposity into Adulthood : A Twenty-Years Birth Cohort Study**. I: International Journal of Environmental Research and Public Health. 2021 ; Bind 18, Nr. 9.
71. Berman, Ye'elah E ; Doherty, Dorota A ; Main, Katharina M et al. / **The influence of prenatal exposure to phthalates on subsequent male growth and body composition in adolescence**. I: Environmental Research. 2021 ; Bind 195.
72. Bräuner, Elvira V ; Lim, Youn-Hee ; Koch, Trine et al. / **Endocrine Disrupting Chemicals and Risk of Testicular Cancer : A Systematic Review and Meta-analysis**. I: The Journal of clinical endocrinology and metabolism. 2021 ; Bind 106, Nr. 12. s. e4834-e4860.

73. Busch, Alexander Siegfried ; Ljubicic, Marie Lindhardt ; Upners, Emmie N et al. / **Cohort profile : The COPENHAGEN Minipuberty Study-A longitudinal prospective cohort of healthy full-term infants and their parents**. I: Paediatric and Perinatal Epidemiology. 2021 ; Bind 35, Nr. 5. s. 601-611.

74. Donat-Vargas, Carolina ; Perez-Carrascosa, Francisco ; Gomez-Peña, Celia et al. / **Associations of serum phthalate metabolites with thyroid hormones in GraMo cohort, Southern Spain**. I: Environmental pollution (Barking, Essex : 1987). 2021 ; Bind 287. s. 117606.

75. Frederiksen, Hanne ; Krause, Marianna ; Jørgensen, Niels et al. / **UV filters in matched seminal fluid-, urine-, and serum samples from young men**. I: Journal of Exposure Science and Environmental Epidemiology. 2021 ; Bind 31, Nr. 2. s. 345-355.

76. Gannon, Anne-Louise ; O'Hara, Laura ; Mason, Ian J et al. / **Androgen Receptor Is Dispensable for X-Zone Regression in the Female Adrenal but Regulates Post-Partum Corticosterone Levels and Protects Cortex Integrity**. I: Frontiers in Endocrinology. 2021 ; Bind 11.

77. Hansen, Julie Bang ; Bilenberg, Niels ; Timmermann, Clara Amalie Gade et al. / **Prenatal exposure to bisphenol A and autistic- and ADHD-related symptoms in children aged 2 and5 years from the Odense Child Cohort**. I: Environmental Health: A Global Access Science Source. 2021 ; Bind 20, Nr. 1. s. 24.

78. Højsager, Frederik Damsgaard ; Kyhl, Henriette Boye ; Frederiksen, Hanne et al. / **Prenatal Exposure to Butyl Paraben Is Associated With Fat Percentage in 7-Year-Old Boys**. I: The Journal of clinical endocrinology and metabolism. 2021 ; Bind 106, Nr. 7. s. e2633-e2638.

79. Jensen, Tina Kold ; Andersson, Anna-Maria ; Main, Katharina M et al. / **Prenatal paraben exposure and anogenital distance and reproductive hormones during mini-puberty : A study from the Odense Child Cohort**. I: Science of the Total Environment. 2021 ; Bind 769. s. 145119.

80. Melau, Cecilie ; Nielsen, John E ; Perlman, Signe et al. / **Establishment of a novel human fetal adrenal culture model that supports de novo and manipulated steroidogenesis**. I: The Journal of clinical endocrinology and metabolism. 2021 ; Bind 106, Nr. 3. s. 843-857.

81. Melau, Cecilie ; Riis, Malene Lundgaard ; Nielsen, John E et al. / **The effects of selected inhibitors on human fetal adrenal steroidogenesis differs under basal and ACTH-stimulated conditions**. I: BMC Medicine. 2021 ; Bind 19, Nr. 1. s. 1-17.

82. Albrethsen, Jakob ; Johannsen, Trine Holm ; Jørgensen, Niels et al. / **Evaluation of Serum Insulin-like Factor 3 Quantification by LC-MS/MS as a Biomarker of Leydig Cell Function**. I: The Journal of clinical endocrinology and metabolism. 2020 ; Bind 105, Nr. 6. s. 1868-1877.

83. Almstrup, Kristian ; Frederiksen, Hanne ; Andersson, Anna-Maria et al. / **Levels of endocrine-disrupting chemicals are associated with changes in the peri-pubertal epigenome**. I: Endocrine Connections. 2020 ; Bind 9, Nr. 8. s. 845-857.

84. Bøllehuus Hansen, Lasse ; Kaludjerovic, Jovana ; Nielsen, John Erik et al. / **Influence of FGF23 and Klotho on male reproduction : Systemic vs direct effects**. I: FASEB Journal. 2020 ; Bind 34, Nr. 9. s. 12436-12449.

85. Calafat, Antonia M. ; Koch, Holger M. ; Andra, S. S. et al. / **BPA and risk assessment**. I: The Lancet Diabetes and Endocrinology. 2020 ; Bind 8, Nr. 4. s. 269-270.

86. Christiansen, Sofie ; Axelstad, Marta ; Scholze, Martin et al. / **Grouping of endocrine disrupting chemicals for mixture risk assessment - Evidence from a rat study**. I: Environment International. 2020 ; Bind 142. s. 105870.

87. Clausen, Caroline S ; Ljubicic, Marie L ; Main, Katharina M et al. / **Congenital Adrenal Hyperplasia in Children : A Pilot Study of Steroid Hormones Expressed as Sex- and Age-Related Standard Deviation Scores**. I: Hormone research in paediatrics. 2020 ; Bind 93, Nr. 4. s. 226-238.

88. Eftekhari, Azin ; Frederiksen, Hanne ; Andersson, Anna-Maria et al. / **Predicting Transdermal Uptake of Phthalates and a Paraben from Cosmetic Cream Using the Measured Fugacity**. I: Environmental Science & Technology. 2020 ; Bind 54, Nr. 12. s. 7471-7484.

89. Fisher, B G ; Thankamony, A ; Mendiola, J et al. / **Maternal serum concentrations of bisphenol A and propyl paraben in early pregnancy are associated with male infant genital development**. I: Human reproduction (Oxford, England). 2020 ; Bind 35, Nr. 4. s. 913-928.

90. Frederiksen, Hanne ; Nielsen, Ole ; Koch, Holger M et al. / **Changes in urinary excretion of phthalates, phthalate substitutes, bisphenols and other polychlorinated and phenolic substances in young Danish men; 2009-2017**. I: International Journal of Hygiene and Environmental Health. 2020 ; Bind 223, Nr. 1. s. 93-105.

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