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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 Disruptors (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

Research outputs

1. Bräuner, Elvira V ; Uldbjerg, Cecilie S ; Lim, Youn-Hee ; Gregersen, Laura S ; Krause, Marianna ; Frederiksen, Hanne ; Andersson, Anna-Maria. / **Presence of parabens, phenols and phthalates in paired maternal serum, urine and amniotic fluid.** In: Environment International. 2022 ; Vol. 158. pp. 106987.
2. Berman, Ye'elah E ; Doherty, Dorota A ; Main, Katharina M ; Frederiksen, Hanne ; Hickey, Martha ; Keelan, Jeffrey A ; Newnham, John P ; Hart, Roger J. / **Associations between Prenatal Exposure to Phthalates and Timing of Menarche and Growth and Adiposity into Adulthood : A Twenty-Years Birth Cohort Study.** In: International Journal of Environmental Research and Public Health. 2021 ; Vol. 18, No. 9.
3. Berman, Ye'elah E ; Doherty, Dorota A ; Main, Katharina M ; Frederiksen, Hanne ; Keelan, Jeffrey A ; Newnham, John P ; Hart, Roger J. / **The influence of prenatal exposure to phthalates on subsequent male growth and body composition in adolescence.** In: Environmental Research. 2021 ; Vol. 195.
4. Bräuner, Elvira V ; Lim, Youn-Hee ; Koch, Trine ; Uldbjerg, Cecilie S ; Gregersen, Laura S ; Pedersen, Marc K ; Frederiksen, Hanne ; Petersen, Jørgen H ; Coull, Brent A ; Andersson, Anna-Maria ; Hickey, Martha ; Skakkebaek, Niels E ; Hauser, Russ ; Juul, Anders. / **Endocrine Disrupting Chemicals and Risk of Testicular Cancer : A Systematic Review and Meta-analysis.** In: The Journal of clinical endocrinology and metabolism. 2021 ; Vol. 106, No. 12. pp. e4834-e4860.
5. Busch, Alexander Siegfried ; Ljubcic, Marie Lindhardt ; Upners, Emmie N ; Fischer, Margit Bistrup ; Kolby, Nanna ; Eckert-Lind, Camilla ; Jespersen, Kirstine ; Andersson, Anna-Maria ; Frederiksen, Hanne ; Johannsen, Trine Holm ; Hegaard, Hanne Kristine ; Sharif, Heidi ; Hagen, Casper P ; Juul, Anders. / **Cohort profile : The COPENHAGEN Minipuberty Study-A longitudinal prospective cohort of healthy full-term infants and their parents.** In: Paediatric and Perinatal Epidemiology. 2021 ; Vol. 35, No. 5. pp. 601-611.
6. Donat-Vargas, Carolina ; Perez-Carrascosa, Francisco ; Gomez-Peña, Celia ; Mustieles, Vicente ; Salcedo-Bellido, Inmaculada ; Frederiksen, Hanne ; Åkesson, Agneta ; Arrebola, Juan Pedro. / **Associations of serum phthalate metabolites with thyroid hormones in GraMo cohort, Southern Spain.** In: Environmental pollution (Barking, Essex : 1987). 2021 ; Vol. 287. pp. 117606.
7. Frederiksen, Hanne ; Krause, Marianna ; Jørgensen, Niels ; Rehfeld, Anders ; Skakkebaek, Niels E ; Andersson, Anna-Maria. / **UV filters in matched seminal fluid-, urine-, and serum samples from young men.** In: Journal of Exposure Science and Environmental Epidemiology. 2021 ; Vol. 31, No. 2. pp. 345-355.

8. Gannon, Anne-Louise ; O'Hara, Laura ; Mason, Ian J ; Jørgensen, Anne ; Frederiksen, Hanne ; Curley, Michael ; Milne, Laura ; Smith, Sarah ; Mitchell, Rod T ; Smith, Lee B. / **Androgen Receptor Is Dispensable for X-Zone Regression in the Female Adrenal but Regulates Post-Partum Corticosterone Levels and Protects Cortex Integrity.** In: *Frontiers in Endocrinology.* 2021 ; Vol. 11. pp. 599869.
9. Højsager, Frederik Damsgaard ; Kyhl, Henriette Boye ; Frederiksen, Hanne ; Juul, Anders ; Andersson, Anna-Maria ; Andersen, Marianne Skovsager ; Grøntved, Anders ; Jensen, Tina Kold. / **Prenatal Exposure to Butyl Paraben Is Associated With Fat Percentage in 7-Year-Old Boys.** In: *The Journal of clinical endocrinology and metabolism.* 2021 ; Vol. 106, No. 7. pp. e2633-e2638.
10. Jensen, Tina Kold ; Andersson, Anna-Maria ; Main, Katharina M ; Johannsen, Trine Holm ; Andersen, Marianne S ; Kyhl, Henriette Boye ; Juul, Anders ; Frederiksen, Hanne. / **Prenatal paraben exposure and anogenital distance and reproductive hormones during mini-puberty : A study from the Odense Child Cohort.** In: *Science of the Total Environment.* 2021 ; Vol. 769. pp. 145119.
11. Mehlsen, Agnethe ; Høllund, Lærke ; Boye, Henriette ; Frederiksen, Hanne ; Andersson, Anna-Maria ; Bruun, Signe ; Husby, Steffen ; Jensen, Tina Kold ; Timmermann, Clara Amalie Gade. / **Pregnancy exposure to bisphenol A and duration of breastfeeding.** In: *Environmental Research.* 2021 ; pp. 112471.
12. Melau, Cecilie ; Nielsen, John E ; Perlman, Signe ; Lundvall, Lene ; Thuesen, Lea Langhoff ; Hare, Kristine Juul ; Hammerum, Mette Schou ; Frederiksen, Hanne ; Mitchell, Rod T ; Juul, Anders ; Jørgensen, Anne. / **Establishment of a novel human fetal adrenal culture model that supports de novo and manipulated steroidogenesis.** In: *The Journal of clinical endocrinology and metabolism.* 2021 ; Vol. 106, No. 3. pp. 843-857.
13. Melau, Cecilie ; Riis, Malene Lundgaard ; Nielsen, John E ; Perlman, Signe ; Lundvall, Lene ; Thuesen, Lea Langhoff ; Hare, Kristine Juul ; Hammerum, Mette Schou ; Mitchell, Rod T ; Frederiksen, Hanne ; Juul, Anders ; Jørgensen, Anne. / **The effects of selected inhibitors on human fetal adrenal steroidogenesis differs under basal and ACTH-stimulated conditions.** In: *BMC Medicine.* 2021 ; Vol. 19, No. 1. pp. 204.
14. Albrethsen, Jakob ; Johannsen, Trine Holm ; Jørgensen, Niels ; Frederiksen, Hanne ; Sennels, Henriette P ; Jørgensen, Henrik Loevendahl ; Fahrenkrug, Jan ; Petersen, Jørgen Holm ; Linneberg, Allan ; Nordkap, Loa ; Bang, Anne Kirstine ; Andersson, Anna-Maria ; Juul, Anders. / **Evaluation of Serum Insulin-like Factor 3 Quantification by LC-MS/MS as a Biomarker of Leydig Cell Function.** In: *The Journal of clinical endocrinology and metabolism.* 2020 ; Vol. 105, No. 6. pp. 1868-1877.
15. Almstrup, Kristian ; Frederiksen, Hanne ; Andersson, Anna-Maria ; Juul, Anders. / **Levels of endocrine-disrupting chemicals are associated with changes in the peri-pubertal epigenome.** In: *Endocrine Connections.* 2020 ; Vol. 9, No. 8. pp. 845-857.
16. Bøllehuus Hansen, Lasse ; Kaludjerovic, Jovana ; Nielsen, John Erik ; Rehfeld, Anders ; Poulsen, Nadia Nicholine ; Ide, Noriko ; Skakkebaek, Niels Erik ; Frederiksen, Hanne ; Juul, Anders ; Lanske, Beate ; Blomberg Jensen, Martin. / **Influence of FGF23 and Klotho on male reproduction : Systemic vs direct effects.** In: *FASEB Journal.* 2020 ; Vol. 34, No. 9. pp. 12436-12449.
17. Calafat, Antonia M. ; Koch, Holger M. ; Andra, S. S. ; Antignac, J. P. ; Castaño, A. ; Choi, K. ; Covaci, A. ; Dekant, W. ; Doerge, D. R. ; Frederiksen, H. ; Göen, T. ; Kolossa-Gehring, M. ; Leblanc, A. ; Mueller, J. F. ; Nakayama, S. F. ; Nassif, J. ; St-Amand, A. ; Völkel, W. ; Wolff, M. S. ; additional coauthors. / **BPA and risk assessment.** In: *The Lancet Diabetes and Endocrinology.* 2020 ; Vol. 8, No. 4. pp. 269-270.
18. Christiansen, Sofie ; Axelstad, Marta ; Scholze, Martin ; Johannsen, Hanna K L ; Hass, Ulla ; Mandrup, Karen ; Frandsen, Henrik Lauritz ; Frederiksen, Hanne ; Isling, Louise Krag ; Boberg, Julie. / **Grouping of endocrine disrupting chemicals for mixture risk assessment - Evidence from a rat study.** In: *Environment International.* 2020 ; Vol. 142. pp. 105870.
19. Clausen, Caroline S ; Ljubacic, Marie L ; Main, Katharina M ; Andersson, Anna-Maria ; Petersen, Jørgen H ; Frederiksen, Hanne ; Duno, Morten ; Johannsen, Trine H ; Juul, Anders. / **Congenital Adrenal Hyperplasia in Children : A Pilot Study of Steroid Hormones Expressed as Sex- and Age-Related Standard Deviation Scores.** In: *Hormone research in paediatrics.* 2020 ; Vol. 93, No. 4. pp. 226-238.
20. Eftekhari, Azin ; Frederiksen, Hanne ; Andersson, Anna-Maria ; Weschler, Charles J ; Morrison, Glenn. / **Predicting Transdermal Uptake of Phthalates and a Paraben from Cosmetic Cream Using the Measured Fugacity.** In: *Environmental Science & Technology.* 2020 ; Vol. 54, No. 12. pp. 7471-7484.
21. Fisher, B G ; Thankamony, A ; Mendiola, J ; Petry, C J ; Frederiksen, H ; Andersson, A M ; Juul, A ; Ong, K K ; Dunger, D B ; Hughes, I A ; Acerini, C L. / **Maternal serum concentrations of bisphenol A and propyl paraben in early pregnancy are associated with male infant genital development.** In: *Human reproduction (Oxford, England).* 2020 ; Vol. 35, No. 4. pp. 913-928.
22. Frederiksen, Hanne ; Nielsen, Ole ; Koch, Holger M ; Skakkebaek, Niels E ; Juul, Anders ; Jørgensen, Niels ; Andersson, Anna-Maria. / **Changes in urinary excretion of phthalates, phthalate substitutes, bisphenols and other polychlorinated and phenolic substances in young Danish men; 2009-2017.** In: *International Journal of Hygiene and Environmental Health.* 2020 ; Vol. 223, No. 1. pp. 93-105.

23. Frederiksen, Hanne ; Johannsen, Trine Holm ; Andersen, Stine Ehler ; Albrethsen, Jakob ; Landersoe, Selma Kløve ; Petersen, Jørgen Holm ; Andersen, Anders Nyboe ; Vestergaard, Esben Thyssen ; Schorring, Mia Elbek ; Linneberg, Allan ; Main, Katharina M ; Andersson, Anna-Maria ; Juul, Anders. / **Sex-specific estrogen levels and reference intervals from infancy to late adulthood determined by LC-MS/MS.** In: The Journal of clinical endocrinology and metabolism. 2020 ; Vol. 105, No. 3. pp. 754-768.
24. Henriksen, Louise S. ; Mathiesen, Barbara K. ; Assens, Maria ; Krause, Marianna ; Skakkebaek, Niels Erik ; Juul, Anders ; Andersson, Anna Maria ; Hart, Roger J. ; Newnham, John P. ; Keelan, Jeffrey A. ; Pennell, Craig ; Main, Katharina M. ; Frederiksen, Hanne. / **Use of stored serum in the study of time trends and geographical differences in exposure of pregnant women to phthalates.** In: Environmental Research. 2020 ; Vol. 184. pp. 109231.
25. Holt, Rune ; Mortensen, Li Juel ; Harpelunde Poulsen, Katrine ; Nielsen, John Erik ; Frederiksen, Hanne ; Jørgensen, Niels ; Jørgensen, Anne ; Juul, Anders ; Blomberg Jensen, Martin. / **Vitamin D and sex steroid production in men with normal or impaired Leydig cell function.** In: The Journal of steroid biochemistry and molecular biology. 2020 ; Vol. 199. pp. 105589.
26. Jensen, Richard Christian ; Glintborg, Dorte ; Gade Timmermann, Clara Amalie ; Nielsen, Flemming ; Kyhl, Henriette Boye ; Frederiksen, Hanne ; Andersson, Anna-Maria ; Juul, Anders ; Sidemann, Johannes J ; Andersen, Helle Raun ; Grandjean, Philippe ; Andersen, Marianne S ; Jensen, Tina Kold. / **Prenatal exposure to perfluorodecanoic acid is associated with lower circulating concentration of adrenal steroid metabolites during mini puberty in human female infants. The Odense Child Cohort.** In: Environmental Research. 2020 ; Vol. 182. pp. 109101.
27. Jøhnk, Camilla ; Høst, Arne ; Husby, Steffen ; Schoeters, Greet ; Timmermann, Clara Amalie Gade ; Kyhl, Henriette Boye ; Beck, Iben Have ; Andersson, Anna Maria ; Frederiksen, Hanne ; Jensen, Tina Kold. / **Maternal phthalate exposure and asthma, rhinitis and eczema in 552 children aged 5 years; A prospective cohort study.** In: Environmental Health: A Global Access Science Source. 2020 ; Vol. 19, No. 1. pp. 32.
28. Landersoe, Selma Klove ; Larsen, Elisabeth Clare ; Forman, Julie Lyng ; Birch Petersen, Kathrine ; Kroman, Mie Stougaard ; Frederiksen, Hanne ; Juul, Anders ; Nøhr, Bugge ; Løssl, Kristine ; Nielsen, Henriette Svarre ; Nyboe Andersen, Anders. / **Ovarian reserve markers and endocrine profile during oral contraception : Is there a link between the degree of ovarian suppression and AMH?.** In: Gynecological endocrinology : the official journal of the International Society of Gynecological Endocrinology. 2020 ; Vol. 36, No. 12. pp. 1090-1095.
29. Mathiesen, Sidsel ; Sørensen, Kaspar ; Nielsen, Malene Mejdahl ; Suominen, Anu ; Ifversen, Marianne ; Grell, Kathrine ; Lähteenmäki, Päivi ; Frederiksen, Hanne ; Juul, Anders ; Müller, Klaus ; Jahnukainen, Kirsi. / **Male gonadal function after allogeneic hematopoietic stem cell transplantation in childhood : a cross-sectional, population-based study.** In: Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation. 2020 ; Vol. 26, No. 9. pp. 1635-1645.
30. Muerkoster, Anna-Patricia ; Frederiksen, Hanne ; Juul, Anders ; Andersson, Anna-Maria ; Jensen, Richard Christian ; Glintborg, Dorte ; Kyhl, Henriette Boye ; Andersen, Marianne Skovsager ; Timmermann, Clara Amalie Gade ; Jensen, Tina Kold. / **Maternal phthalate exposure associated with decreased testosterone/LH ratio in male offspring during mini-puberty. Odense Child Cohort.** In: Environment International. 2020 ; Vol. 144. pp. 106025.
31. Pletz, Julia ; Blakeman, Samantha ; Paini, Alicia ; Parissis, Nikolaos ; Worth, Andrew ; Andersson, Anna-Maria ; Frederiksen, Hanne ; Sakhi, Amrit K ; Thomsen, Cathrine ; Bopp, Stephanie K. / **Physiologically based kinetic (PBK) modelling and human biomonitoring data for mixture risk assessment.** In: Environment International. 2020 ; Vol. 143. pp. 105978.
32. Rebourcet, Diane ; Mackay, Rosa ; Darbey, Annalucia ; Curley, Michael K ; Jørgensen, Anne ; Frederiksen, Hanne ; Mitchell, Rod T ; O'Shaughnessy, Peter J ; Nef, Serge ; Smith, Lee B. / **Ablation of the canonical testosterone production pathway via knockout of the steroidogenic enzyme HSD17B3, reveals a novel mechanism of testicular testosterone production.** In: FASEB Journal. 2020 ; Vol. 34, No. 8. pp. 10373-10386.
33. Stroomberg, Hein Vincent ; Jørgensen, Anne ; Brasso, Klaus ; Nielsen, John Erik ; Juul, Anders ; Frederiksen, Hanne ; Blomberg Jensen, Martin ; Røder, Martin Andreas. / **Novel functions of the luteinizing hormone/chorionic gonadotropin receptor in prostate cancer cells and patients.** In: PLoS One. 2020 ; Vol. 15, No. 9 September. pp. e0238814.
34. Artacho-Cordón, F ; Ríos-Arrabal, S ; León, J ; Frederiksen, H ; Sáenz, J M ; Martín-Olmedo, P ; Fernández, M F ; Olea, N ; Arrebola, J P. / **Adipose tissue concentrations of non-persistent environmental phenols and local redox balance in adults from Southern Spain.** In: Environment International. 2019 ; Vol. 133, No. Pt A. pp. 105118.
35. Assens, Maria ; Frederiksen, Hanne ; Petersen, Jørgen Holm ; Larsen, Torben ; Skakkebaek, Niels E ; Juul, Anders ; Andersson, Anna-Maria ; Main, Katharina M. / **Variations in repeated serum concentrations of UV filters, phthalates, phenols and parabens during pregnancy.** In: Environment International. 2019 ; Vol. 123. pp. 318-324.
36. Curley, Michael ; Milne, Laura ; Smith, Sarah ; Jørgensen, Anne ; Frederiksen, Hanne ; Hadoke, Patrick ; Potter, Paul ; Smith, Lee B. / **A young testicular microenvironment protects Leydig cells against age-related dysfunction in a mouse model of premature aging.** In: FASEB Journal. 2019 ; Vol. 33, No. 1. pp. 978-995.
37. Gannon, Anne-Louise ; O'Hara, Laura ; Mason, J Ian ; Rebourcet, Diane ; Smith, Sarah ; Traveres, Adriana ; Alcaide-Corral, Carlos Jose ; Frederiksen, Hanne ; Jørgensen, Anne ; Milne, Laura ; Mitchell, Rod T ; Smith, Lee B. / **Ablation of glucocorticoid receptor in the hindbrain of the mouse provides a novel model to investigate stress disorders.** In: Scientific Reports. 2019 ; Vol. 9, No. 1. pp. 3250.

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39. Harpelunde Poulsen, K ; Nielsen, J E ; Frederiksen, H ; Melau, C ; Juul Hare, K ; Langhoff Thuesen, L ; Perlman, S ; Lundvall, L ; Mitchell, R T ; Juul, A ; Rajpert-De Meyts, E ; Jørgensen, A. / **Dysregulation of FGFR signalling by a selective inhibitor reduces germ cell survival in human fetal gonads of both sexes and alters the somatic niche in fetal testes.** In: Human reproduction (Oxford, England). 2019 ; Vol. 34, No. 11. pp. 2228-2243.
40. Jensen, Tina Kold ; Mustieles, Vicente ; Bleses, Dorthe ; Frederiksen, Hanne ; Trecca, Fabio ; Schoeters, Greet ; Andersen, Helle Raun ; Grandjean, Philippe ; Kyhl, Henriette Boye ; Juul, Anders ; Bilensberg, Niels ; Andersson, Anna-Maria. / **Prenatal bisphenol A exposure is associated with language development but not with ADHD-related behavior in toddlers from the Odense Child Cohort.** In: Environmental Research. 2019 ; Vol. 170. pp. 398-405.
41. Melau, Cecilie ; Nielsen, John Erik ; Frederiksen, Hanne ; Kilcoyne, Karen ; Perlman, Signe ; Lundvall, Lene ; Thuesen, Lea Langhoff ; Juul Hare, Kristine ; Andersson, Anna-Maria ; Mitchell, Rod T ; Juul, Anders ; Jørgensen, Anne. / **Characterization of Human Adrenal Steroidogenesis during Fetal Development.** In: The Journal of clinical endocrinology and metabolism. 2019 ; Vol. 104, No. 5. pp. 1802-1812.
42. van der Meer, Thomas P ; van Faassen, Martijn ; Frederiksen, Hanne ; van Beek, André P ; Wolffenbuttel, Bruce H R ; Kema, Ido P ; van Vliet-Ostapchouk, Jana V. / **Development and Interlaboratory Validation of Two Fast UPLC-MS-MS Methods Determining Urinary Bisphenols, Parabens and Phthalates.** In: Journal of Analytical Toxicology. 2019 ; Vol. 43, No. 6. pp. 452-464.
43. Albrethsen, Jakob ; Frederiksen, Hanne ; Johannsen, Trine Holm ; Andersson, Anna-Maria ; Juul, Anders. / **Clinical proteomics : Insights from IGF-I.** In: Clinica chimica acta; international journal of clinical chemistry. 2018 ; Vol. 477. pp. 18-23.
44. Albrethsen, Jakob ; Frederiksen, Hanne ; Andersson, Anna-Maria ; Anand-Ivell, Ravinder ; Nordkap, Loa ; Bang, Anne Kirstine ; Jørgensen, Niels ; Juul, Anders. / **Development and validation of a mass spectrometry-based assay for quantification of insulin-like factor 3 in human serum.** In: Clinical Chemistry and Laboratory Medicine. 2018 ; Vol. 56, No. 11. pp. 1913-20.
45. Artacho-Cordón, F ; Fernández, M F ; Frederiksen, H ; Iribarne-Durán, L M ; Jiménez-Díaz, I ; Vela-Soria, F ; Andersson, A M ; Martín-Olmedo, P ; Peinado, F M ; Olea, N ; Arrebola, J P. / **Environmental phenols and parabens in adipose tissue from hospitalized adults in Southern Spain.** In: Environment International. 2018 ; Vol. 119. pp. 203-211.
46. Carlsson, Amalie ; Sørensen, Kaspar ; Andersson, Anna-Maria ; Frederiksen, Hanne ; Juul, Anders. / **Bisphenol A, phthalate metabolites and glucose homeostasis in healthy normal-weight children.** In: Endocrine Connections. 2018 ; Vol. 7, No. 1. pp. 232-238.
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48. Hart, Roger J ; Frederiksen, Hanne ; Doherty, Dorota A ; Keelan, Jeffrey A ; Skakkebaek, Niels E ; Minaee, Noviani S ; McLachlan, Robert ; Newnham, John P ; Dickinson, Jan E ; Pennell, Craig E ; Norman, Robert J ; Main, Katharina M. / **The Possible Impact of Antenatal Exposure to Ubiquitous Phthalates Upon Male Reproductive Function at 20 Years of Age.** In: Frontiers in Endocrinology. 2018 ; Vol. 9. pp. 288.
49. Joensen, Ulla Nordström ; Jørgensen, Niels ; Thyssen, Jacob P ; Szecsi, Pal Bela ; Stender, Steen ; Petersen, Jørgen Holm ; Andersson, Anna-Maria ; Frederiksen, Hanne. / **Urinary excretion of phenols, parabens and benzophenones in young men : Associations to reproductive hormones and semen quality are modified by mutations in the Filaggrin gene.** In: Environment International. 2018 ; Vol. 121, No. Pt 1. pp. 365-374.
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