Research outputs:

**A pragmatic approach for human risk assessment of chemical mixtures**
Research output: Research - peer-review › Journal article – Annual report year: 2019

**Workshop on acceleration of the validation and regulatory acceptance of alternative methods and implementation of testing strategies**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Anogenital distance as a toxicological or clinical marker for fetal androgen action and risk for reproductive disorders**
Research output: Research - peer-review › Review – Annual report year: 2018

**Characterizing novel molecular mechanisms for short AGD – a biomarker of fetal testicular dysfunction**
Research output: Research - peer-review › Poster – Annual report year: 2018

**Combination effects of pesticides on birth weight and metabolic programming in rat offspring**
Research output: Commissioned › Report – Annual report year: 2018

**Effects on metabolic parameters in young rats born with low birth weight after exposure to a mixture of pesticides**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Environmental toxicology: Pesticides**
Research output: Research - peer-review › Encyclopedia chapter – Annual report year: 2018

**Environmental Toxicology: Plastics**
Research output: Research - peer-review › Encyclopedia chapter – Annual report year: 2018

**Erratum to: The OECD validation program of the H295R steroidogenesis assay: Phase 3. Final inter-laboratory validation study**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Exposure to a glyphosate-based herbicide formulation, but not glyphosate alone, has only minor effects on adult rat testis**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Glyphosate alone does not adversely affect testicular androgen function in mature rats**
Research output: Research - peer-review › Poster – Annual report year: 2018
Perineal gene expression profiling in rats with chemically induced short anogenital distance
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

PFHxS Causes Developmental Hypothyroxinemia Without Affecting Behavioral Tests in Rat Offspring
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2018

Prediction of adverse male reproductive health effects by integrating in vitro data and physiologically-based kinetic modelling
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2018

Transcriptional profiling of the chemically induced feminized anogenital region in male rats
Research output: Research - peer-review › Poster – Annual report year: 2018

An effect-directed strategy for characterizing emerging chemicals in food contact materials made from paper and board
Research output: Research - peer-review › Journal article – Annual report year: 2017

Direct effect based approaches applied to the screening of emerging substances
Research output: Commissioned › Report – Annual report year: 2018

Enniatin B and beauvericin are common in Danish cereals and show high hepatotoxicity on a high-content imaging platform
Research output: Research - peer-review › Journal article – Annual report year: 2016

Environmental influences on ovarian dysgenesis - developmental windows sensitive to chemical exposures
Research output: Research - peer-review › Journal article – Annual report year: 2017

Human biomonitoring in risk assessment: analysis of the current practice and 1st examples on the use of HBM in risk assessments of HBM4EU priority chemicals
Research output: Commissioned › Report – Annual report year: 2018

Mechanisms of action involved in chemically induced effects on male reproductive health
Research output: Research - peer-review › Poster – Annual report year: 2018

Mellemkødet sladder om skadelige kemikalier
Research output: Research - peer-review › Journal article – Annual report year: 2017

Corrigendum to "Reproductive and behavioral effects of diisononyl phthalate (DINP) in perinatally exposed rats" [Reprod. Toxicol. 31 (2) (2011) 200–209]
Research output: Research - peer-review › Journal article – Annual report year: 2016

Fluorinated alkyl substances and technical mixtures used in food paper-packaging exhibit endocrine-related activity in vitro
Research output: Research - peer-review › Journal article – Annual report year: 2016

Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility
Mixture effects of twenty-seven environmental contaminants given to rats at doses comparable to human exposure
Research output: Research - peer-review › Poster – Annual report year: 2015

Mixtures of environmentally relevant endocrine disrupting chemicals affect mammary gland development in female and male rats
Research output: Research - peer-review › Journal article – Annual report year: 2015

Perinatal exposure to mixtures of anti-androgenic chemicals causes proliferative lesions in rat prostate
Research output: Research - peer-review › Journal article – Annual report year: 2015

Prenatal exposure to persistent organochlorine pollutants is associated with high insulin levels in 5-year-old girls
Research output: Research - peer-review › Journal article – Annual report year: 2015

Selection of reference genes for quantitative RT-PCR (RT-qPCR) analysis of rat tissues under physiological and toxicological conditions
Research output: Research - peer-review › Journal article – Annual report year: 2015

Using a reference partitioning phase to link exposure and effect assessment of hydrophobic organic chemicals: Novel equilibrium partitioning concepts and methods
Research output: Research › Ph.D. thesis – Annual report year: 2015

A computational approach to mechanistic and predictive toxicology of pesticides
Research output: Research - peer-review › Journal article – Annual report year: 2013

Applicability of Computational Systems Biology in Toxicology
Research output: Research - peer-review › Journal article – Annual report year: 2014

Are Structural Analogues to Bisphenol A Safe Alternatives?
Research output: Research - peer-review › Journal article – Annual report year: 2014

Compounds in food packaging materials - toxicological profiling of knowns and unknowns
Research output: Research - peer-review › Report – Annual report year: 2015

Discovery and Early Clinical Development of 2-{6-[2-(3,5-Dichloro-4-pyridyl)acetyl]-2,3-dimethoxyphenoxy}-N-propylacetamide (LEO 29102), a Soft-Drug Inhibitor of Phosphodiesterase 4 for Topical Treatment of Atopic Dermatitis
Research output: Research - peer-review › Journal article – Annual report year: 2014

Green Toxicology – Application of predictive toxicology
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Late-life effects on rat reproductive system after developmental exposure to mixtures of endocrine disrupters.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Low-dose effects of bisphenol A on early sexual development in male and female rats.
Research output: Research - peer-review › Journal article – Annual report year: 2014

Polyfluorinated alkyl phosphate ester surfactants - current knowledge and knowledge gaps
Research output: Research - peer-review › Journal article – Annual report year: 2014

A low dose chemical mixture modulates the effect of PFNA in male rats
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013
Are structural analogues to bisphenol A a safe alternative?
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Chemical Contaminants. Food monitoring 2004-2011
Research output: Research › Report – Annual report year: 2013

Concentration addition, independent action and generalized concentration addition models for mixture effect prediction of sex hormone synthesis in vitro.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Dietary relevant mixtures of phytoestrogens inhibit adipocyte differentiation in vitro
Research output: Research - peer-review › Journal article – Annual report year: 2013

Effects of perinatal ethinyl estradiol exposure in male and female Wistar rats
Research output: Research - peer-review › Journal article – Annual report year: 2013

Endocrine disrupting effects in rats perinatally exposed to a dietary relevant mixture of phytoestrogens
Research output: Research - peer-review › Journal article – Annual report year: 2013

Fluorochemicals used in food packaging inhibit male sex hormone synthesis
Research output: Research - peer-review › Journal article – Annual report year: 2013

Identification of a Novel Androgen Receptor Mutation in a Family With Multiple Components Compatible With the Testicular Dysgenesis Syndrome
Research output: Research - peer-review › Journal article – Annual report year: 2013

In vitro–in vivo correlations for endocrine activity of a mixture of 5 currently used pesticides
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

In vitro - in vivo correlations for endocrine activity of a mixture of currently used pesticides
Research output: Research - peer-review › Journal article – Annual report year: 2013

Levels of Pesticides and Their Metabolites In Wistar Rat Amniotic Fluids and Maternal Urine upon Gestational Exposure.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Non-monotonous dose–response curves observed for some endpoints, after pre- and postnatal exposure of rats to the fungicide epoxiconazole
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2013

Predictive value of cell assays for developmental toxicity and embryotoxicity of conazole fungicides.
Research output: Research - peer-review › Journal article – Annual report year: 2013

Triclosan exposure reduces thyroxine levels in pregnant and lactating rat dams and in directly exposed offspring
Research output: Research - peer-review › Journal article – Annual report year: 2013

Adverse effects on sexual development in rat offspring after low dose exposure to a mixture of endocrine disrupting pesticides
Research output: Research - peer-review › Conference article – Annual report year: 2012

Applicability of the GCA model for effect prediction of endocrine disrupters in mixture
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2012
Developmental toxicity effects in experimental animals after mixed exposure to endocrine disrupting pesticides
Research output: Research › Report – Annual report year: 2012

Differential effects of environmental chemicals and food contaminants on adipogenesis, biomarker release and PPARγ activation
Research output: Research - peer-review › Journal article – Annual report year: 2012

Effect of environmental pollutants on obesity parameters in vitro
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2012

Fluorochemicals used in food packaging inhibit male sex hormone synthesis
Research output: Research - peer-review › Poster – Annual report year: 2012

Persistent developmental toxicity in rat offspring after low dose exposure to a mixture of endocrine disrupting pesticides
Research output: Research - peer-review › Conference article – Annual report year: 2012

QSAR Model for Androgen Receptor Antagonism - Data from CHO Cell Reporter Gene Assays
Research output: Research - peer-review › Journal article – Annual report year: 2012

Differential effects of environmental chemicals and food contaminants on adipocyte differentiation, biomarker release, and PPARα/γ activation
Research output: Research - peer-review › Conference article – Annual report year: 2011

Reproductive and behavioral effects of diisononyl phthalate (DINP) in perinatally exposed rats
Research output: Research - peer-review › Journal article – Annual report year: 2011

The OECD validation program of the H295R steroidogenesis assay: Phase 3. Final inter-laboratory validation study
Research output: Research - peer-review › Journal article – Annual report year: 2011

A prevalidation transferability study of the GreenScreen HC GADD45a-GFP assay with S9.
Research output: Research - peer-review › Journal article – Annual report year: 2010

Effects of Nutrition Relevant Mixtures of Phytoestrogens on Steroidogenesis, Aromatase, Estrogen, and Androgen Activity
Research output: Research - peer-review › Journal article – Annual report year: 2010

Endocrine disruptive effects in vitro of conazole antifungals used as pesticides and pharmaceutical
Research output: Research - peer-review › Journal article – Annual report year: 2010

Synergistic Disruption of External Male Sex Organ Development by a Mixture of Four Antiandrogens
Research output: Research - peer-review › Journal article – Annual report year: 2009

Do parabens have the ability to interfere with steroidogenesis?
Research output: Research - peer-review › Journal article – Annual report year: 2008

Do azole fungicides possess an endocrine disrupting hazard?
Research output: Research › Conference abstract in journal – Annual report year: 2008

Endocrine disrupting properties in vivo of widely used azole fungicides
Research output: Research - peer-review › Journal article – Annual report year: 2008
Higher levels of ethyl paraben and butyl paraben in rat amniotic fluid than in maternal plasma after subcutaneous administration.
Research output: Research - peer-review › Journal article – Annual report year: 2008

Dysgenesis and histological changes of genitals and perturbations of gene expression in male rats after in utero exposure to antiandrogen mixtures
Research output: Research - peer-review › Journal article – Annual report year: 2007

Effects of azole fungicides on the function of sex and thyroid hormones
Research output: Research - peer-review › Report – Annual report year: 2007

Endocrine-disrupting activities in vivo of the fungicides tebuconazole and epoxiconazole
Research output: Research - peer-review › Journal article – Annual report year: 2007

In vitro and in vivo screening of azole fungicides for antiandrogenic effects
Research output: Research - peer-review › Poster – Annual report year: 2007

The OECD validation program of the H295R steroidogenesis assay for the identification of in vitro inhibitors and inducers of testosterone and estradiol production. Phase 2: Inter-laboratory pre-validation studies
Research output: Research - peer-review › Journal article – Annual report year: 2007

Diisobutyl phthalate has comparable anti-androgenic effects to di-n-butyl phthalate in fetal rat testis
Research output: Research - peer-review › Journal article – Annual report year: 2006

Estrogenic effects in vitro and in vivo of the fungicide fenarimol
Research output: Research - peer-review › Journal article – Annual report year: 2006

In vitro screening of azole fungicides for antiandrogenic effects – comparison with in vivo effects
Research output: Research - Sound/Visual production (digital) – Annual report year: 2006

Kombinationseffekter af pesticider
Research output: Research › Report – Annual report year: 2006

Mechanisms of action underlying the antiandrogenic effects of the fungicide prochloraz
Research output: Research - peer-review › Journal article – Annual report year: 2006

Mechanisms underlying the anti-androgenic effects of diethylhexyl phthalate in fetal rat testis
Research output: Research - peer-review › Journal article – Annual report year: 2006

Prochloraz: an imidazole fungicide with multiple mechanisms of action
Research output: Research - peer-review › Conference article – Annual report year: 2006

Antiandrogenic effects in short-term in vivo studies of the fungicide fenarimol
Research output: Research - peer-review › Journal article – Annual report year: 2005

Gene expression changes in rat prostate after activation or blocking of the androgen and estrogen receptor
Research output: Research - peer-review › Journal article – Annual report year: 2005

Gene expression profiling of rat liver after in utero exposure to the fungicide prochloraz using GeneChip (R) Rat Genome Array
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2005
Effect of highly bioaccumulated polychlorinated biphenyl congeners on estrogen and androgen receptor activity

In utero reproductive study in rats exposed to nonylphenol

Quantification of antiandrogen effect determined by Lightcycler technology

Using the CALUX bioassay for screening and determination of dioxin-like compounds in human milk

Identification and quantification of estrogenic compounds in recycled and virgin paper for household use as determined by an in vitro yeast estrogen screen and chemical analysis

Identification and Quantification of Estrogenic Compounds in Recycled and Virgin Paper for Household use as determined by an in vitro Yeast Estrogen Screen and Chemical Analysis

Rapid and sensitive reporter gene assays for detection of antiandrogenic and estrogenic effects of environmental chemicals

Screening of selected pesticides for oestrogen receptor activation in vitro

Screening af plastemballage til slik og chokoladevarer for østrogen aktivitet

The effects of n-butanol vapour on respiratory rate and tidal volume.

Projects:

Center for Hormonforstyrrende Stoffer (Centre for Endocrine Disruptors)

Development of tool for mixture risk assessment of thyroid hormone disrupting chemicals

Prediction of male reproductive health effects by integrating in vitro data and PBK modelling

H2020 European Joint Program: Human Biomonitoring for Europe

Towards improved human reproductive health: gaining new insight into chemically induced effects on male reproduction"
Future risk assessment of chemicals (MiraculiX)
Project: Research

Optimizing and refining 3D culturing of human stem cells for predictive toxicity
Project: PhD

Mechanisms of action involved in chemically-induced effects on male reproductive health
Project: PhD

Hormonforstyrrende effekter af kemikalier i fødevareemballage
Project: PhD

Application of human stem cells for predicting human safety of chemicals
Project: PhD

Identification and risk assessment of unknown contaminants migrating from Food Contact Materials
Project: PhD

Effect biomarkers for endocrine disrupting chemicals
Project: PhD

Improving the exposure basis of toxicological research on persistent organic pollutants and their mixtures
Project: PhD

Bioinformatics and toxicology
Project: PhD

Development and validation of QSAR models for mechanisms related to endocrine disruption
Project: PhD

Future risk assessment of chemicals
Project: Research

Persistent health effects caused by widely used pesticides with antiandrogenic activity
Project: Research

Endocrine disrupting effects of PFCs: in vitro profiling and effect in rats exposed during development to a PFC plus/minus background exposure to a mixture of known endocrine disrupters
Project: Research

Development and validation of toxicological test methods for assessment of endocrine disrupting effects of chemicals with focus on development of OECD test guidelines
Project: Research

Combination effects of pesticides on birth weight and metabolic programming in rat offspring
Project: Research

Dietary exposure to environmental pollutants and the risk of obesity
Project: Research
Test strategy for mixtures of chemicals migrating from food contact materials (FCM)
Project: Research

Contamed
Project: Research

Mechanisms-of-action of effects caused by anti-androgenic compounds on fetal rat testis development
Project: Research

PANDA - Persistent health effects caused by widely used pesticides with antiandrogenic activity
Project: Research

Teststrategi for blandinger af stoffer der migrerer fra fødevarekontaktmaterialer
Project: Research

Cocktail – Combination effects of endocrine disrupters
Project: Research

Activities:

EuroTox2020
Activity: Attending an event › Participating in or organising a conference

Prediction of Adverse Male Reproductive Health Disorders by Integrating In Vitro Data and Physiologically-Based Kinetic Modelling
Activity: Talks and presentations › Conference presentations

Prediction of Adverse Male Reproductive Health Effects by integrating In Vitro Data and Physiologically-Based Kinetic Modeling
Activity: Talks and presentations › Conference presentations

Transition towards animal-free safety assessment of chemicals
Activity: Talks and presentations › Conference presentations

Prediction of Adverse Male Reproductive Health Effects by integrating In Vitro Data and Physiologically-Based Kinetic Modeling
Activity: Talks and presentations › Conference presentations

Toxicological profiling of PFAS
Activity: Talks and presentations › Conference presentations

Prediction of Adverse Male Reproductive Health Effects by integrating In Vitro Data and Physiologically-Based Kinetic Modeling
Activity: Talks and presentations › Conference presentations

Human health effects caused by low dose pesticide exposure
Activity: Talks and presentations › Conference presentations

Characterizing molecular mechanisms for short anogenital distance
Activity: Talks and presentations › Conference presentations
Characterizing novel molecular mechanisms for short AGD – a biomarker of fetal testicular function
Activity: Talks and presentations › Conference presentations

Glyphosate alone does not adversely affect testicular androgen function in mature rats
Activity: Talks and presentations › Conference presentations

Combination effects of pesticides on birth weight and metabolic programming in rat offspring
Activity: Talks and presentations › Conference presentations

Emerging Chemicals in Food Packaging: Toxicological Profiling of Knowns and Unknowns
Activity: Talks and presentations › Conference presentations

OECD (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Transcriptional profiling of the chemically induced feminized male anogenital region
Activity: Talks and presentations › Conference presentations

Transcriptional profiling of the chemically induced feminized male rat anogenital region
Activity: Talks and presentations › Conference presentations

Mechanisms of action involved in chemically induced effects on male reproductive health
Activity: Talks and presentations › Conference presentations

Late-life effects on testosterone production following in utero exposure to the pesticide fludioxonil
Activity: Talks and presentations › Conference presentations

European Society of In Vitro Toxicology (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Bisphenol A and five structural analogues induce adipocyte differentiation and other obesity-related endpoints in 3T3-L1 cells
Activity: Talks and presentations › Conference presentations

Effects of chemical mixtures on female reproductive endpoints
Activity: Talks and presentations › Conference presentations

Emerging Chemicals in food packaging - toxicological profiling of knowns and unknowns
Activity: Talks and presentations › Conference presentations

Mixture effects of twenty-seven environmental contaminants given to rats at doses comparable to human exposure
Activity: Talks and presentations › Conference presentations

External examiner at University of Copenhagen 2012-2021
Activity: Examinations and supervision › External examination

Organisation for Economic Co-operation and Development OECD (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Press clippings:
Risikovurdering af fluorstoffer
Press/Media: Press / Media

Faldende sædkvalitet og stigende forekomst af kryptorkisme i hunde
Press/Media: Press / Media

Sundhedsskadelige stoffer i fødevarekontaktmateriale
Press/Media: Press / Media

Information om brug af fluorstoffer og deres toksicitet
Press/Media: Press / Media

Cocktail effekter og fødevarekontaktmaterialer
Press/Media: Press / Media

Ny undersøgelse vedr. Round Up og hjælpestoffers effekt på aromatase aktivitet
Press/Media: Press / Media

Cocktail effekter
Press/Media: Press / Media

Genbrugsemballage – kemikalier og sundhed
Press/Media: Press / Media

Cocktail effekter
Press/Media: Press / Media

Cocktail effekter
Press/Media: Press / Media

Fluorkemikalier. Grandjean & Co har publiceret en artikel om fluorkemikalier i nyfødte
Press/Media: Press / Media

Cocktailprojektet
Press/Media: Press / Media

self.com
Press/Media: Press / Media

Cocktail effekter
Press/Media: Press / Media

Vedr. toksicitet af PFC i emballager
Press/Media: Press / Media

Ny undersøgelse vedr. sammenhæng ml. abortrisiko og perfluorerede kemikalier
Press/Media: Press / Media
Cocktail effekter
Press/Media: Press / Media

DEHP fundet i plastikarmbånd til børn
Press/Media: Press / Media

Afsmitning af kemiske stoffer fra madpapir, herunder flu-orstoffer
Press/Media: Press / Media