

EAA Andrology Training Centre

Department of Growth and Reproduction
Rigshospitalet, Copenhagen, Denmark

Centre Report

2017



Name and address of Centre:

University Department of Growth and Reproduction
Rigshospitalet, section 5064
Blegdamsvej 9
DK-2100 Copenhagen Denmark

Tel: (+45) 3545 5064 / (+45) 3545 5085

Fax: (+45) 3545 6054

E-mail, department: vaekst-repro@rh.dk

E-mail, centre director: Niels.Joergensen@regionh.dk

History of Centre

The Department of Growth and Reproduction was formed in 1990 by Professor Niels Skakkebak, who combined the Laboratory of Reproductive Biology, which had been in existence since 1972, with the Paediatric Endocrinology Unit which moved from Hvidovre Hospital (one of the University Hospitals of Copenhagen). By the end of July 2006 Niels Skakkebak retired as head of department. Professor Anders Juul took over as head of the department. In 2005, before Niels Skakkebak retired Dr. Niels Jørgensen chief of the clinical andrological functions of the department and EAA centre director.

The Department of Growth and Reproduction has clinical and research interests in reproductive development, function and disease as well as in growth and its disorders. The department is one of many departments, which are comprised within the Juliane Marie Centre for Children, Women and Reproduction. The other departments include Obstetrics & Gynaecology, the Fertility clinic, Paediatrics, Paediatric Surgery, Neonatology, Ultrasound and Clinical Genetics. The Juliane Marie Centre is one of 8 centres within Rigshospitalet (the National University Hospital).

Since the department was formed in 1990 the department has investigated and treated children, adolescents and adults with one or more of the following diagnoses: growth disorders, hypopituitarism, androgen insensitivity syndrome, congenital genital malformations, congenital adrenal hyperplasia, disturbed pubertal development, Kallman syndrome, Klinefelter syndrome, gynecomastia and testosterone deficiency. The department has long-standing expertise in diagnosing and treating male infertility problems, including post-treatment for testicular cancer. Since 2009 an increasing number of men with gynecomastia have been examined at the department. This change happened after the department managed to show that gynecomastia should be considered as an andrological disease rather than a condition needing primary surgical treatment.

Since the beginning the department has had its own laboratories:

- ***The semen laboratory*** investigates semen samples from men from infertile couples investigated at Rigshospitalet as well as couples treated at private fertility clinics. From January 2016 general practitioners started referring men for semen analysis as part of the initial investigation of infertile couples. Thereby the number of semen samples analysed at the laboratory increased significantly. Additionally, the laboratory examines semen samples from men included in scientific studies.
- ***The histological laboratory*** receives, processes and performs histological evaluation of testicular biopsies (including spermatogenesis assessment, diagnosis of testicular germ cell neoplasia and testicular dysgenesis). In addition, the laboratory contributes to research projects involving immunohistochemistry and in situ hy-

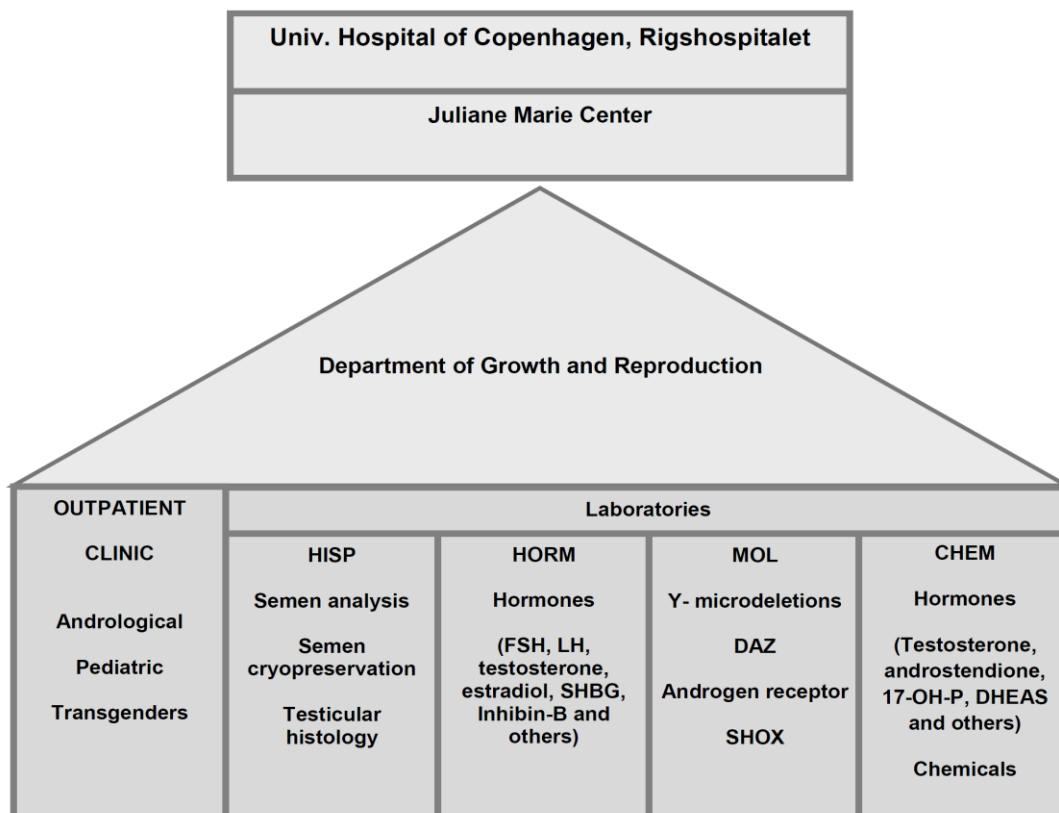
bridisation.

- **The semen bank** stores ejaculates from patients referred before treatment that potentially will impair their future semen quality, mainly cancer treatment or immunosuppressive treatment.
- **The hormone laboratory** measures hormones relevant for clinical and research activities (FSH, LH, Testosterone, SHBG, Estradiol, Inhibin A and B, Growth Hormone, IGF-I (Insulin-like Growth Factor I) and IGF-BP3. Several other hormones are determined as part of research projects.
- **The molecular biology laboratory** mainly performs analysis for Y-chromosome microdeletions and presence of *SRY* as well as determination of various genetic polymorphisms.
- **The laboratory of chemical analysis** is equipped with a high resolution liquid chromatography - tandem mass spectrometry (HPLC-MS/MS) - and performs analysis of phthalates, parabens and alkyl phenols in various biological matrixes such as serum, urine, breast milk and placenta tissue in numerous basic research projects related to male reproduction. By the use of HPLC-MS/MS the laboratory has also recently started to androgens.

In 2012 the department decided to seek accreditation of all its laboratory activities. The first laboratory to become accredited was the hormone laboratory in 2013. Since 2016 all laboratory activities have been certified by the Danish Accreditation Fund (DANAK) according to ISO standard 15189.

The department has been an EAA certified training centre in andrology since 1994.

Organization of Centre



Educational activities

Twice annually: One day course in Andrology for medical students

Post graduate courses (since EAA-report 2013):

- September 5-8 2017, Zagreb, Croatia: EAA SUMMER SCHOOL - Testis Histology and Pathology for Clinical Andrologists and Embryologists, in Zagreb, Croatia. Organized jointly by EAA training centres in Zagreb and Copenhagen.
- April 11-13 2016, Malmö, Sweden: Male infertility. Organized jointly by EAA training centres in Malmö and Copenhagen.
- November 24-27 2015, Copenhagen, Denmark: From primordial germ cells to spermatozoa.
- September 17-19 2015, Copenhagen, Denmark: Male Sexology. Organized jointly by EAA training centres in Rome, Stockholm and Copenhagen.
- January 22-24 2014, Copenhagen, Denmark: Andrological Endocrinology. Organized jointly by EAA training centres in Stockholm and Copenhagen.
- January 9-11 2013, Copenhagen, Denmark: Male infertility. Organized jointly by EAA training centres in Malmö and Copenhagen.

PhD courses (since EAA-report 2013):

- November 30-December 2 2016, Copenhagen, Denmark: The hypothalamic-pituitary-gonadal axis throughout life
 - April 27-27 2015, Copenhagen, Denmark: Disorders of Sex Development (DSD)- the roles of genes and the environment
-

Clinical activities

The summary statistics of the clinical activities of the andrological section of Department of Growth and Reproduction are shown in section 4.

For all main categories of referred patients (infertile, gynecomastia, testosterone deficiency and semen banking) standardized procedures are used. The principle is that after referral a standardized diagnostic procedure is performed followed by a consultation in the out-patient clinic when the initial results are available. E.g. for infertile men results of two recent semen samples have to be available together with results of blood samples analyzed for reproductive hormone levels and relevant genetics before the first actual visit in the out-patient clinic takes place. At this visit the detailed patient history is obtained, and a physical examination is performed – including ultrasound examination of testicles. The results of the investigations is then discussed with the patient and a conclusion made regarding further work-up or treatment.

Research activities

The department has research activities within pediatric as well as adult andrology besides research within growth disorders.

Focus areas are:

- Normal testicular development and function
 - Early exposures and adverse developmental effects on testicular function
 - Early and current exposures effect on sexual maturation in humans
 - Pubertal development
 - Adult life style and testis function
 - Temporal trends and age-related changes in testis function
 - Testicular function and long-term health
 - Bone-gonadal interaction
 - Improvement of methods of semen analysis
 - Development of non-invasive method(s) for screening for spermatogenesis in azoospermic men
 - Germ cell cancer – clinical and epigenetic aspects
-
-

Name and address of Centre

University Department of Growth and Reproduction
 Rigshospitalet, section 5064
 Blegdamsvej 9
 DK-2100 Copenhagen Denmark

Tel: (+45) 3545 5064 / (+45) 3545 5085

Fax: (+45) 3545 6054

E-mail, department: vaekst-repro@rh.dk

E-mail, centre director: Niels.Joergensen@regionh.dk

Type of Centre

University	☐
University Hospital	☒
Private Centre	☐

Other (please specify)

1a. Director

Niels Jørgensen, MD, PhD, specialist in medical endocrinology and EAA certified clinical andrologist

Academician ☒

Affiliated Member ☐

Clinical Andrologist ☒

1b. Director

Head of department, Anders Juul, MD, Professor, specialist in pediatrics and EAA certified clinical andrologist

Academician ☒

Affiliated Member ☐

Clinical Andrologist ☒

2. Clinical responsible

Niels Jørgensen, MD, PhD, specialist in medical endocrinology and EAA certified clinical andrologist

Academician ☒

Affiliated Member ☐

Clinical Andrologist ☒

3. Present Staff (*Senior Scientists*)

1) Name Lise Aksglæde
 Degree MD, PhD
 Speciality Clinical Genetics

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

2) Name Peter Christiansen
 Degree MD
 Speciality Pediatrics (pediatric and adult andrology)

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

3) Name Katharina Main
 Degree MD, PhD
 Speciality Pediatrics (pediatric andrology)

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

Insert any additional staff below (*if required*)

MD/Biologists/Chemists

1) Name Sheida Anvari Aria
 Degree MD
 Speciality -
 Full time/part time Full time clinical andrology

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

2) Name Martin Blomberg Jensen
 Degree MD, PhD
 Speciality -
 Full time/part time Full time clinical and basic research

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☒

3) Name Hanne Frederiksen
 Degree MSc, PhD
 Speciality Chemist
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

4) Name Trine Holm Johannsen
 Degree MD, PhD
 Speciality Clinical Chemistry
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

5) Name Jørgen Holm Petersen
 Degree MSc, PhD
 Speciality Statistician
 Full time/part time Part time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

6) Name John Nielsen
 Degree MSc
 Speciality Biologist
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

7) Name Anne Jørgensen
 Degree MSc, PhD
 Speciality Biologist
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

7) Name Kristian Almstrup
 Degree MSc, PhD
 Speciality Biologist
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

9) Name Jørgen Christensen
 Degree
 Speciality IT support
 Full time/part time Full time

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

10) Name	Niels E. Skakkebak
Degree	Professor, MD
Speciality	Pediatrics
Full time/part time	

Academician ☒ Affiliated Member ☐ Clinical Andrologist ☒

Insert any additional staff below (if required)

Specialists

1) Name	Line Cleemann, MD, pediatrics
2) Name	Ann-Margrethe Rønholt Christensen, MD, pediatrics
3) Name	Kristian Almstrup, MSc

PhD Students

1) Name	Maria Assens (pediatric project)
2) Name	Ida Marie Boiesen (andrological project)
3) Name	Alexander Busch (pediatric-andrological project)
4) Name	Dorte Egeberg (andrological project)
5) Name	Lasse Bøllehus Hansen (andrological project)
6) Name	Marie L Johansen (pediatric-andrological project)
7) Name	Cecilie Melau (andrological project)
8) Name	Li Juul Mortensen (andrological project)
9) Name	Nina Mørup (andrological project)
10) Name	Malte Stær Nissen (andrological project)
11) Name	Lærke Priskorn (andrological project)

Nurses

1) Name	Dorte Marslev
2) Name	Camilla Birch Olsen
3) Name	Tanja Rosenberg

Laboratory Technicians

Semen and histology lab

1) Name	Mia Romero
2) Name	Lene Andersen
3) Name	Camilla Campen
4) Name	Kirsten Lønberg
5) Name	Ana Nielsen
6) Name	Käthe Nielsen
7) Name	Hahn Phan

8) Name	Nina Schmidt
9) Name	Maiken Simonsen
10) Name	Sabina Sultanova
11) Name	Marie Louise Ulmestål

Hormone and chemical lab

12) Name	Jannie Hennings
13) Name	Stine Ehlerl Andersen
14) Name	Yet Christensen
15) Name	Farshid Ghazi
16) Name	Krisine Harrild
17) Name	Mariann Henriksen
18) Name	Ole Nielsen
19) Name	Maiken Probst
20) Name	Irina Safonenko
21) Name	Marianne Seilund

Molecular biology lab

22) Name	Inger Garn
23) Name	Brian Vendelbo Hansen
24) Name	Camilla Tang Thomsen
25) Name	Dijana Maslovaric

Blood sampling

26) Name	Anette Fosgerau
27) Name	Morten Petersen

Administrative Personnel

1) Name	Kathrine Hurtigkarl
2) Name	Tine Michelsen
3) Name	Britt Stricker
4) Name	Tina Tronier
5) Name	Birgitte Havmøller
6) Name	Hanne Lyhne
7) Name	Vibeke Nielsen

4. Clinical Activity

A. Outpatients: Consultations per year in the last 3 years

	2014	2015	2016
New patients	921	1115	1141
Follow-up patients	1903	1562	1447

Referral diagnoses in the last years (%)	2014	2015	2016
Infertility	55	62	57
Erectile dysfunction	<1	<1	<1
Hypogonadotropic Hypogonadism	<2	<2	<2
Klinefelter	<1	<1	<1
Gynaecomastia	30	25	26
Testosterone deficiency	14	10	15
Varicocele	<1	<1	<1
Cryptorchidism	<1	<1	<1
Male sex accessory gland infections	<1	<1	<1
Testicular tumours	<1	<1	<1
Disorders of gender identity	<1	<1	<2
Other	<1	<1	<1

B. Ultrasound (testis, penile, prostate), approximately *

	2014	2015	2016
Total	994	1063	1020
Controls (estimated)	50	50	50

** performed at the Department of Growth and Reproduction*

C. Andrological surgery procedures

	2014	2015	2016
Testicular biopsies	0	0	0
Varicocele ligation	0	0	0
Prostate biopsies	0	0	0
BPH	0	0	0
Prostate cancer	0	0	0
Vasectomy	0	0	0
Vaso-vasostomy	0	0	0
Other	0	0	0

5. A. Andrology laboratory activity

	2014	2015	2016
Semen analyses	1671	1465	3966
Sperm antibodies	434	604	491
Seminal markers (fructose)	46	62	96

5. B. Andrology laboratory activity

Sperm banking donors Yes ☒ No ☐

Sperm banking cancer patients Yes ☒ No ☐

If yes:			
	2014	2015	2016
Number of samples/patients	547/238	482/239	536/282

5. C. Histopathological evaluation of biopsies Yes ☒ No ☐

5. D. Reproductive Hormones Assays Yes ☒ No ☐

If yes please specify type of assays and number of samples

	2014	2015	2016
FSH (Immunofluorometric)	7715	9800	5378
LH (Immunofluorometric)	9664	11704	7070
Testosterone (RIA)	7552	8697	5874
SHBG (Immunofluorometric assay)	8713	10338	6046
Estradiol (RIA)	7970	9897	5631
Inhibin-B (ELISA)	9080	9562	6402
Androgens (LC-MS/MS) *	1142	1203	1444
Total	51836	61201	37845

*: Includes testosterone (and calculated free-testosterone), androstendione, 17-OH-progesterone and DHEAS

5. E. Y chromosome microdeletions according to EAA/EMQN guidelines Yes ☒ No ☐

If yes			
	2014	2015	2016
Number of samples	578	535	697

Participation to the EAA quality control scheme? Yes ☒ No ☐

If no, specify if available in another lab of the same hospital Yes ☐ No ☐

Blood karyotyping Yes ☐ No ☒

If no, specify if available in another lab of the same hospital Yes ☒ No ☐

Other genetic tests (please specify)

AR-Q-PCR

DAZ-copies

SHOX

6. Collaborations with other Clinical Units of the University/Hospital

IVF Unit	Yes ☒	No ☐
Urology Clinic	Yes ☒	No ☐
Endocrine Clinic	Yes ☒	No ☐
Genetics Lab/Unit	Yes ☒	No ☐
Paediatric Unit	Yes ☒	No ☐
Central Hospital Laboratory	Yes ☒	No ☐
Private Centres	Yes ☐	No ☒

7. Clinical teaching activity

	Number
A: Trainees in the last five years	5
B: Trainees who passed EAA-ESAU\exam for Clinical Andrologist in the last 5 yrs	5
C: Trainees working in the centre preparing to pass the EAA-ESAU examination	1
D: PhD Students (achieving their PhD-degree 2012-16)	10
E: Medical Students	Approx 10
F: Other students (MSc)	Approx 10

Re: D

1. Tinggaard, J (2016): *Body composition in normal weight children Methodological aspects and early determinants* (Pediatric).
2. Olesen, I (2016): *Comorbidities and long term testicular function in men with severely impaired semen quality* (Andrological).
3. Mieritz, MG (2016): *Gynecomastia in Danish boys and men: The Association to Endogenous Hormones, Growth and Body Composition in the Development of Gynaecomastia* (Andrological).
4. Lassen, TH (2014): *Human phenol exposure: Temporal variability and associations with birth outcomes, anogenital distance and adult male reproductive health* (Andrological).
5. Hagen, C (2014): *Ovarian function in healthy girls and Turner Syndrome patients: with special focus on anti-Müllerian hormone* (Pediatric).
6. Jensen, MB (2014): *Vitamin D and male reproduction* (Andrological).
7. Mouritsen, AK (2013): *Adrenal Function in Danish Children: Importance of Environmental and Genetic Factors* (Pediatric).
8. Dalgaard, MD (2013): *Genetic variability in the pathogenesis of Testicular Dysgenesis Syndrome* (Andrological).
9. Vejle, CW (2012): *Prenatal exposure to modern pesticides and possible effects on childhood growth and reproductive development* (Pediatric).
10. Joensen, UN (2012): *Environmental Endocrine Disruptors and Adult Testicular Function: Epidemiological studies of exposure and susceptibility to phthalates and perfluorinated chemicals, and the associations to reproductive hormones and semen quality in Danish men from the general population* (Andrological).

8. Formal Andrology teaching programYes ☒No ☐**If yes:** specify duration (years/months):Years Months **9. Research Activity** (maximum 1 page)

Research topics have been listed page 7.

10 selected publications 2012-16:

1. Skakkebaek, NE, Rajpert-De Meyts, E, Buck Louis, GM, Toppari, J, Andersson, A-M, Eisenberg, ML, Jensen, TK, Jørgensen, N, Swan, SH, Sapra, KJ, Ziebe, S, Priskorn, L & Juul, A 2016, 'Male Reproductive Disorders and Fertility Trends: Influences of Environment and Genetic Susceptibility' *Physiological Reviews*, vol 96, nr. 1, s. 55-97. DOI: 10.1152/physrev.00017.2015 (IF 27.3)
2. Rajpert-De Meyts, E, McGlynn, KA, Okamoto, K, Jewett, MAS & Bokemeyer, C 2016, 'Testicular germ cell tumours' *Lancet*, vol 387, nr. 10029, s. 1762-1774. DOI: doi:10.1016/S0140-6736(15)00991-5 (IF 47.8)
3. Nordkap, L, Jensen, TK, Hansen, ÅM, Lassen, TH, Bang, AK, Joensen, UN, Blomberg Jensen, M, Skakkebaek, NE & Jørgensen, N 2016, 'Psychological stress and testicular function: a cross-sectional study of 1,215 Danish men' *Fertility and sterility*, vol 105, nr. 1, s. 174-187.e2. DOI: 10.1016/j.fertnstert.2015.09.016 (IF 4.4)
4. Jørgensen, N, Joensen, UN, Toppari, J, Punab, M, Erenpreiss, J, Zilaitiene, B, Paasch, U, Salzbrunn, A, Fernandez, MF, Virtanen, HE, Matulevicius, V, Olea, N, Jensen, TK, Petersen, JH, Skakkebaek, NE & Andersson, A-M 2016, 'Compensated reduction in Leydig cell function is associated with lower semen quality variables: a study of 8182 European young men' *Human reproduction (Oxford, England)*, vol 31, nr. 5, s. 947-57. DOI: 10.1093/humrep/dew021 (IF 5.0)
5. Damsgaard, J, Joensen, UN, Carlsen, E, Erenpreiss, J, Blomberg Jensen, M, Matulevicius, V, Zilaitiene, B, Olesen, IA, Perheentupa, A, Punab, M, Salzbrunn, A, Toppari, J, Virtanen, HE, Juul, A, Skakkebaek, NE & Jørgensen, N 2016, 'Varicocele Is Associated with Impaired Semen Quality and Reproductive Hormone Levels: A Study of 7035 Healthy Young Men from Six European Countries' *European Urology*, vol 70, nr. 6, s. 1019-1029. DOI: 10.1016/j.eururo.2016.06.044 (IF 16.3)
6. Jørgensen, A, Nielsen, JE, Perlman, S, Lundvall, L, Mitchell, RT, Juul, A & Rajpert-De Meyts, E 2015, 'Ex vivo culture of human fetal gonads: manipulation of meiosis signalling by retinoic acid treatment disrupts testis development' *Human reproduction (Oxford, England)*, vol 30, nr. 10, s. 2351-63. DOI: 10.1093/humrep/dev194 (IF 5.0)
7. Holmboe, SA, Vradi, E, Kold Jensen, T, Linneberg, A, Husemoen, LLN, Scheike, T, Skakkebaek, NE, Juul, A & Andersson, A-M 2015, 'The association of reproductive hormone levels and all-cause, cancer and cardiovascular disease mortality in men' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 12, s. 4472-80. DOI: 10.1210/jc.2015-2460 (IF 5.5)
8. Lassen, TH, Frederiksen, H, Jensen, TK, Petersen, JH, Joensen, UN, Main, KM, Skakkebaek, NE, Juul, A, Jørgensen, N & Andersson, A-M 2014, 'Urinary bisphenol A levels in young men: association with reproductive hormones and semen quality' *Environmental Health Perspectives*, vol 122, nr. 5, s. 478-84. DOI: 10.1289/ehp.1307309 (IF 9.8)
9. Joensen, UN, Jørgensen, N, Meldgaard, M, Frederiksen, H, Andersson, A-M, Menné, T, Johansen, JD, Carlsen, BC, Stender, S, Szecsi, PB, Skakkebaek, NE, Rajpert-De Meyts, E & Thyssen, JP 2014, 'Associations of Filaggrin Gene Loss-of-Function Variants with Urinary Phthalate Metabolites and Testicular Function in Young Danish Men' *Environmental Health Perspectives*, vol 122, nr. 4, s. 345-350. DOI: 10.1289/ehp.1306720 (IF 9.8)
10. Rud, CN, Dugaard, G, Rajpert-De Meyts, E, Skakkebaek, NE, Petersen, JH & Jørgensen, N 2013, 'Sperm Concentration, Testicular Volume and Age Predict Risk of Carcinoma In Situ in Contral-

teral Testis of Men with Testicular Germ Cell Cancer' *Journal of Urology*, vol 190, nr. 6, s. 2074-2080. DOI: 10.1016/j.juro.2013.06.023 (IF 5.2)

10. Research Funding

Please specify the amount of available funds in the last 3 years and their source (Government, European Union, University, Local Government, Pharmaceutical Industries, Banks, Foundations....)

Year	For each year approximately 3 mill. euros
Total amount (€)	
Funding	
Source(s)	

Insert any additional funding below if required

Full list of Publications, Department of Growth and Reproduction 2012-16

2016

11. Ulbright, TM, Amin, MB, Balzer, B, Berney, DM, Epstein, JI, Guo, C, Idrees, MT, Looijenga, LHJ, Paner, G, Rajpert-De Meyts, E, Skakkebaek, NE, Tikoo, SK, Yilmaz, A & Oosterhuis, JW 2016, WHO Classification of Tumours of the Urinary System and Male Genital Organs. i H Moch, PA Humphrey, TM Ulbright & VE Reuter (red), *WHO Classification of Tumours of the Urinary System and Male Genital Organs*. 4 udg, vol. 8, s. 189-226.
12. Rogol, AD & Skakkebaek, NE 2016, 'Sperm retrieval in adolescent males with Klinefelter syndrome: medical and ethical issues' *Translational Pediatrics*, vol 5, nr. 2, s. 104-6. DOI: 10.21037/tp.2016.04.05
13. Wohlfart-Veje, C, Korsholm Mouritsen, A, Hagen, CP, Tinggaard, J, Grunnet Mieritz, M, Boas, M, Holm Petersen, J, Skakkebaek, NE & Main, KM 2016, 'Pubertal onset in boys and girls is influenced by pubertal timing of both parents' *The Journal of clinical endocrinology and metabolism*, vol 101, nr. 7, s. 2667-2674. DOI: 10.1210/jc.2016-1073
14. Varimo, T, Hero, M, Laitinen, E-M, Miettinen, PJ, Tommiska, J, Käsäkoski, J, Juul, A & Raivio, T 2016, 'Childhood growth in boys with congenital hypogonadotropic hypogonadism' *Pediatric Research*, vol 79, nr. 5, s. 705-9. DOI: 10.1038/pr.2015.278
15. Upners, EN & Juul, A 2016, 'Evaluation and phenotypic characteristics of 293 Danish girls with tall stature: effects of oral administration of natural 17 β -estradiol' *Pediatric Research*, vol 80, nr. 5, s. 693-701. DOI: 10.1038/pr.2016.128
16. Trasande, L, Zoeller, RT, Hass, U, Kortenkamp, A, Grandjean, P, Myers, JP, DiGangi, J, Hunt, PM, Rudel, R, Sathyanarayana, S, Bellanger, M, Hauser, R, Legler, J, Skakkebaek, NE & Heindel, JJ 2016, 'Burden of disease and costs of exposure to endocrine disrupting chemicals in the European Union: an updated analysis' *Andrology*, vol 4, nr. 4, s. 565-72. DOI: 10.1111/andr.12178
17. Tinggaard, J, Wohlfart-Veje, C, Husby, S, Christiansen, L, Skakkebaek, NE, Jensen, TK, Grandjean, P, Main, KM & Andersen, HR 2016, 'Prenatal pesticide exposure and PON1 genotype is associated with adolescent body fat distribution evaluated by dual X-ray absorptiometry (DXA)' *Andrology*, vol 4, nr. 4, s. 735-44. DOI: 10.1111/andr.12194
18. Thankamony, A, Jensen, RB, O'Connell, SM, Day, F, Kirk, J, Donaldson, M, Ivarsson, S-A, Söder, O, Roche, E, Hoey, H, Ong, KK, Dunger, DB & Juul, A 2016, 'Adiposity in children born small for gestational age is associated with β -cell function, genetic variants for insulin resistance and response to growth hormone treatment' *The Journal of clinical endocrinology and metabolism*, vol 101, nr. 1, s. 131-42. DOI: 10.1210/jc.2015-3019
19. Teumer, A, Qi, Q, Nethander, M, Aschard, H, Bandinelli, S, Beekman, M, Berndt, SI, Bidlingmaier, M, Broer, L, Cappola, A, Ceda, GP, Chanock, S, Chen, M-H, Chen, TC, Chen, Y-DI, Chung, J, Del Greco Miglianico, F, Eriksson, J, Ferrucci, L, Friedrich, N, Gnewuch, C, Goodarzi, MO, Grarup, N, Guo, T, Hammer, E, Hayes, RB, Hicks, AA, Hofman, A, Houwing-Duistermaat, JJ, Hu, F, Hunter, DJ, Husemoen, LL, Isaacs, A, Jacobs, KB, Janssen, JAMJL, Jansson, J-O, Jehmlich, N, Johnson, S, Juul, A, Karlsson, M, Kilpelainen, TO, Kovacs, P, Kraft, P, Li, C, Linneberg, A, Liu, Y, Loos, RJF, Lorentzon, M, Lu, Y, Maggio, M, Magi, R, Meigs, J, Mellström, D, Nauck, M, Newman, AB, Pollak, MN, Pramstaller, PP, Prokopenko, I, Psaty, BM, Reincke, M, Rimm, EB, Rotter, JI, Saint Pierre, A, Schurmann, C, Seshadri, S, Sjögren, K, Slagboom, PE, Strickler, HD, Stumvoll, M, Suh, Y, Sun, Q, Zhang, C, Svensson, J, Tanaka, T, Tare, A, Tönjes, A, Uh, H-W, van Duijn, CM, van Heemst, D, Vandenput, L, Vasan, RS, Völker, U, Willems, SM, Ohlsson, C, Wallaschofski, H, Kaplan, RC & CHARGE Longevity Working Group 2016, 'Genomewide meta-analysis identifies loci associated with IGF-I and IGFBP-3 levels with impact on age-related traits' *Aging Cell*, vol 15, nr. 5, s. 811-24. DOI: 10.1111/accel.12490
20. Soerensen, RR, Johannsen, TH, Skakkebaek, NE & Rajpert-De Meyts, E 2016, 'Leydig cell clustering and Reinke crystal distribution in relation to hormonal function in adult patients with testicular dysgenesis syndrome (TDS) including cryptorchidism' *Hormones*, vol 15, nr. 4, s. 518-526. DOI: 10.14310/horm.2002.1708
21. Skakkebaek, NE 2016, 'A Brief Review of the Link between Environment and Male Reproductive Health: Lessons from Studies of Testicular Germ Cell Cancer' *Hormone research in paediatrics*, vol 86, nr. 4, s. 240-246. DOI: 10.1159/000443400

22. Skakkebaek, NE, Rajpert-De Meyts, E, Buck Louis, GM, Toppari, J, Andersson, A-M, Eisenberg, ML, Jensen, TK, Jørgensen, N, Swan, SH, Sapra, KJ, Ziebe, S, Priskorn, L & Juul, A 2016, 'Male Reproductive Disorders and Fertility Trends: Influences of Environment and Genetic Susceptibility' *Physiological Reviews*, vol 96, nr. 1, s. 55-97. DOI: 10.1152/physrev.00017.2015
23. Shannon, M, Rehfeld, A, Frizzell, C, Livingstone, C, McGonagle, C, Skakkebaek, NE, Wielogórska, E & Connolly, L 2016, 'In vitro bioassay investigations of the endocrine disrupting potential of steviol glycosides and their metabolite steviol, components of the natural sweetener Stevia' *Molecular and cellular endocrinology*, vol 427, s. 65-72. DOI: 10.1016/j.mce.2016.03.005
24. Sadov, S, Koskenniemi, JJ, Virtanen, HE, Perheentupa, A, Petersen, JH, Skakkebaek, NE, Main, KM & Toppari, J 2016, 'TESTICULAR GROWTH DURING PUBERTY IN BOYS WITH AND WITHOUT A HISTORY OF CONGENITAL CRYPTORCHIDISM' *The Journal of clinical endocrinology and metabolism*, vol 101, nr. 6, s. 2570-7. DOI: 10.1210/jc.2015-3329
25. Roager, HM, Hansen, LBS, Bahl, MI, Frandsen, HL, Carvalho, V, Gøbel, RJ, Dalgaard, MD, Plichta, DR, Sparholt, MH, Vestergaard, H, Hansen, T, Sicheritz-Pontén, T, Nielsen, HB, Pedersen, O, Lauritzen, L, Kristensen, M, Gupta, R & Licht, TR 2016, 'Colonic transit time is related to bacterial metabolism and mucosal turnover in the gut' *Future Microbiology*, vol 1, nr. 9, s. 16093. DOI: 10.1038/nmicrobiol.2016.93
26. Riis, A, Jensen, CE, Maindal, HT, Bro, F & Jensen, MB 2016, 'Recruitment of general practices: Is a standardised approach helpful in the involvement of healthcare professionals in research?' *SAGE Open*, vol 4, s. 2050312116662802. DOI: 10.1177/2050312116662802
27. Rehfeld, A, Dissing, S & Skakkebaek, NE 2016, 'Chemical UV Filters Mimic the Effect of Progesterone on Ca(2+) Signaling in Human Sperm Cells' *Endocrinology*, vol 157, nr. 11, s. 4297-4308. DOI: 10.1210/en.2016-1473
28. Rasmussen, JJ, Selmer, C, Østergren, PB, Pedersen, KB, Schou, M, Gustafsson, F, Faber, JO, Juul, A & Kistorp, C 2016, 'Former Abusers of Anabolic Androgenic Steroids Exhibit Decreased Testosterone Levels and Hypogonadal Symptoms Years after Cessation: A Case-Control Study' *PloS One*, vol 11, nr. 8, s. e0161208. DOI: 10.1371/journal.pone.0161208
29. Rajpert-De Meyts, E, McGlynn, KA, Okamoto, K, Jewett, MAS & Bokemeyer, C 2016, 'Testicular germ cell tumours' *Lancet*, vol 387, nr. 10029, s. 1762-1774. DOI: doi:10.1016/S0140-6736(15)00991-5
30. Priskorn, L, Jensen, TK, Bang, AK, Nordkap, L, Joensen, UN, Lassen, TH, Olesen, IA, Swan, SH, Skakkebaek, NE & Jørgensen, N 2016, 'Is Sedentary Lifestyle Associated With Testicular Function?: A Cross-Sectional Study of 1,210 Men' *American journal of epidemiology*, vol 184, nr. 4, s. 284-94. DOI: 10.1093/aje/kwv338
31. Perheentupa, A, Sadov, S, Rönkä, R, Virtanen, HE, Rodprasert, W, Vierula, M, Jørgensen, N, Skakkebaek, NE & Toppari, J 2016, 'Semen quality improves marginally during young adulthood: a longitudinal follow-up study' *Human reproduction (Oxford, England)*, vol 31, nr. 3, s. 502-10. DOI: 10.1093/humrep/dev328
32. Pedersen, LH, Nielsen, JE, Daugaard, G, Hansen, TVO, Rajpert-De Meyts, E & Almstrup, K 2016, 'Differences in global DNA methylation of testicular seminoma are not associated with changes in histone modifications, clinical prognosis, BRAF mutations or gene expression' *Cancer genetics*, vol 209, nr. 11, s. 506-514. DOI: 10.1016/j.cancergen.2016.10.003
33. Parra, MD, Mendiola, J, Jørgensen, N, Swan, SH & Torres-Cantero, AM 2016, 'Anogenital distance and reproductive parameters in young men' *Andrologia*, vol 48, nr. 1, s. 3-10. DOI: 10.1111/and.12403
34. Overgaard, LEK, Bonefeld, CM, Frederiksen, H, Main, KM & Thyssen, JP 2016, 'The association between phthalate exposure and atopic dermatitis with a discussion of phthalate induced secretion of interleukin-1 β and thymic stromal lymphopoietin' *Expert Review of Clinical Immunology*, vol 12, nr. 6, s. 609-16. DOI: 10.1586/1744666X.2016.1156530
35. Nordkap, L, Jensen, TK, Hansen, ÅM, Lassen, TH, Bang, AK, Joensen, UN, Blomberg Jensen, M, Skakkebaek, NE & Jørgensen, N 2016, 'Psychological stress and testicular function: a cross-sectional study of 1,215 Danish men' *Fertility and sterility*, vol 105, nr. 1, s. 174-187.e2. DOI: 10.1016/j.fertnstert.2015.09.016

36. Nassan, FL, Coull, BA, Skakkebaek, NE, Williams, MA, Dadd, R, Mínguez-Alarcón, L, Krawetz, SA, J. Hait, E, Korzenik, JR, Moss, AC, Ford, JB & Hauser, R 2016, 'A crossover–crossback prospective study of dibutyl-phthalate exposure from mesalamine medications and semen quality in men with inflammatory bowel disease' *Environment International*, vol 95, s. 120-30.
37. Mínguez-Alarcón, L, Chavarro, JE, Mendiola, J, Roca, M, Tanrikut, C, Vioque, J, Jørgensen, N & Torres-Cantero, AM 2016, 'Fatty acid intake in relation to reproductive hormones and testicular volume among young healthy men' *Asian Journal of Andrology*, vol 19, nr. 2, s. 184-190. DOI: 10.4103/1008-682X.190323
38. Maher, GJ, Rajpert-De Meyts, E, Goriely, A & Wilkie, AOM 2016, 'Cellular correlates of selfish spermatogonial selection' *Andrology*, vol 4, nr. 3, s. 550-553. DOI: 10.1111/andr.12185
39. Lucas-Herald, A, Bertelloni, S, Juul, A, Bryce, J, Jiang, J, Rodie, M, Sinnott, R, Boroujerdi, M, Lindhardt Johansen, M, Hiort, O, Holterhus, PM, Cools, M, Guaragna-Filho, G, Guerra-Junior, G, Weintrob, N, Hannema, S, Drop, S, Guran, T, Darendeliler, F, Nordenstrom, A, Hughes, IA, Acerini, C, Tadokoro-Cuccaro, R & Ahmed, SF 2016, 'The Long-Term Outcome of Boys With Partial Androgen Insensitivity Syndrome and a Mutation in the Androgen Receptor Gene' *The Journal of clinical endocrinology and metabolism*, vol 101, nr. 11, s. 3959-3967. DOI: 10.1210/jc.2016-1372
40. Lassen, TH, Frederiksen, H, Kyhl, HB, Swan, SH, Main, KM, Andersson, A-M, Lind, DV, Husby, S, Wohlfahrt-Veje, C, Skakkebaek, NE & Jensen, TK 2016, 'Prenatal Triclosan Exposure and Anthropometric Measures including Anogenital Distance in Danish Infants' *Environmental Health Perspectives*, vol 124, nr. 8, s. 1261-8. DOI: 10.1289/ehp.1409637
41. Kyriakou, A, Dessens, A, Bryce, J, Iotova, V, Juul, A, Krawczynski, M, Nordenskjöld, A, Rozas, M, Sanders, C, Hiort, O & Ahmed, SF 2016, 'Current models of care for disorders of sex development - results from an International survey of specialist centres' *Orphanet Journal of Rare Diseases*, vol 11, nr. 1, s. 155. DOI: 10.1186/s13023-016-0534-8
42. Kristensen, DM, Mazaud-Guittot, S, Gaudriault, P, Lesné, L, Serrano, T, Main, KM & Jégou, B 2016, 'Analgesic use - prevalence, biomonitoring and endocrine and reproductive effects' *Nature reviews. Endocrinology*, vol 12, s. 381-393. DOI: 10.1038/nrendo.2016.55
43. Jørgensen, N, Joensen, UN, Toppari, J, Punab, M, Erenpreiss, J, Zilaitiene, B, Paasch, U, Salzbrenn, A, Fernandez, MF, Virtanen, HE, Matulevicius, V, Olea, N, Jensen, TK, Petersen, JH, Skakkebaek, NE & Andersson, A-M 2016, 'Compensated reduction in Leydig cell function is associated with lower semen quality variables: a study of 8182 European young men' *Human reproduction (Oxford, England)*, vol 31, nr. 5, s. 947-57. DOI: 10.1093/humrep/dew021
44. Jensen, TK, Frederiksen, H, Kyhl, HB, Lassen, TH, Swan, SH, Bornehag, C-G, Skakkebaek, NE, Main, KM, Lind, DV, Husby, S & Andersson, A-M 2016, 'Prenatal Exposure to Phthalates and Anogenital Distance in Male Infants from a Low-Exposed Danish Cohort (2010-2012)' *Environmental Health Perspectives*, vol 124, nr. 7, s. 1107-13. DOI: 10.1289/ehp.1509870
45. Jensen, TK, Finne, KF, Skakkebaek, NE, Andersson, A-M, Olesen, IA, Joensen, UN, Bang, AK, Nordkap, L, Priskorn, L, Krause, M, Jørgensen, N & Juul, A 2016, 'Self-reported onset of puberty and subsequent semen quality and reproductive hormones in healthy young men' *Human reproduction (Oxford, England)*, vol 31, nr. 8, s. 1886-94. DOI: 10.1093/humrep/dew122
46. Hvid, T, Åkerstrøm, T, Nielsen, S, Yfanti, C, Juul, A, Lindegaard, B, Pedersen, BK & Hojman, P 2016, 'Pre-training levels of testosterone and sex hormone-binding globulin are not correlated with training adaptations in fat mass and insulin sensitivity in healthy young men' *Endocrine*, vol 52, nr. 3, s. 660-3. DOI: 10.1007/s12020-015-0771-y
47. Holmboe, SA, Jensen, TK, Linneberg, A, Scheike, T, Thuesen, BH, Skakkebaek, NE, Juul, A & Andersson, A-M 2016, 'Low Testosterone: A Risk Marker Rather Than a Risk Factor for Type 2 Diabetes' *The Journal of clinical endocrinology and metabolism*, vol 101, nr. 8, s. 3180-90. DOI: 10.1210/jc.2016-1778
48. Henriksen, LS, Hagen, CP, Assens, M, Busch, AS, Skakkebaek, NE, Almstrup, K & Main, KM 2016, 'Genetic Variations in FSH Action Affect Sex Hormone Levels and Breast Tissue Size in Infant Girls: A Pilot Study' *The Journal of clinical endocrinology and metabolism*, vol 101, nr. 8, s. 3191-8. DOI: 10.1210/jc.2016-1672
49. Hansen, M, Lund, MT, Jørgensen, ALK, Palsøe, MK, van Hall, G, Helge, JW & Dela, F 2016, 'The effects of diet- and RYGB-induced weight loss on insulin sensitivity in obese patients with and without type 2 diabetes' *Acta Diabetologica*, vol 53, nr. 3, s. 423-32. DOI: 10.1007/s00592-015-0812-2

50. Hadrup, N, Svingen, T, Mandrup, K, Skov, K, Pedersen, M, Frederiksen, H, Frandsen, HL & Vinggaard, AM 2016, 'Juvenile Male Rats Exposed to a Low-Dose Mixture of Twenty-Seven Environmental Chemicals Display Adverse Health Effects' *P L o S One*, vol 11, nr. 9, s. e0162027. DOI: 10.1371/journal.pone.0162027
51. Fugl, L, Hagen, CP, Mieritz, MG, Tinggaard, J, Fallentin, E, Main, KM & Juul, A 2016, 'Glandular breast tissue volume by magnetic resonance imaging in 100 healthy peripubertal girls: evaluation of clinical Tanner staging' *Pediatric Research*, vol 80, nr. 4, s. 526-30. DOI: 10.1038/pr.2016.125
52. Frohnert Hansen, J, Brorson, MM, Boas, M, Frederiksen, H, Nielsen, CH, Lindström, ES, Hofman-Bang, J, Hartoft-Nielsen, M-L, Frisch, T, Main, KM, Bendtzen, K, Rasmussen, ÅK & Feldt-Rasmussen, U 2016, 'Phthalates Are Metabolised by Primary Thyroid Cell Cultures but Have Limited Influence on Selected Thyroid Cell Functions In Vitro' *P L o S One*, vol 11, nr. 3, s. e0151192. DOI: 10.1371/journal.pone.0151192
53. Frohnert, J, Boas, M, Møller Brorson, M, Frederiksen, H, Hartoft-Nielsen, M-L, Krogh Rasmussen, Å, Main, KM & Feldt-Rasmussen, U 2016, 'Migration of phthalates on culture plates - an important challenge to consider for in vitro studies' *Scandinavian Journal of Clinical & Laboratory Investigation*, vol 76, nr. 2, s. 165-71. DOI: 10.3109/00365513.2015.1110857
54. Donkin, I, Versteyhe, S, Ingerslev, LR, Qian, K, Mechta, M, Nordkap, L, Mortensen, B, Appel, EVR, Jørgensen, N, Kristiansen, VB, Hansen, T, Workman, C, Zierath, JR & Barrès, R 2016, 'Obesity and Bariatric Surgery Drive Epigenetic Variation of Spermatozoa in Humans' *Cell Metabolism*, vol 23, nr. 2, s. 369-378. DOI: 10.1016/j.cmet.2015.11.004
55. Dean, A, van den Driesche, S, Wang, Y, McKinnell, C, Macpherson, S, Eddie, SL, Kinnell, H, Hurtado-Gonzalez, P, Chambers, TJ, Stevenson, K, Wolfinger, E, Hrabalkova, L, Calarao, A, Bayne, RA, Hagen, CP, Mitchell, RT, Anderson, RA & Sharpe, RM 2016, 'Analgesic exposure in pregnant rats affects fetal germ cell development with inter-generational reproductive consequences' *Scientific Reports*, vol 6, s. 19789. DOI: 10.1038/srep19789
56. Damsgaard, J, Joensen, UN, Carlsen, E, Erenpreiss, J, Blomberg Jensen, M, Matulevicius, V, Zilaitiene, B, Olesen, IA, Perheentupa, A, Punab, M, Salzbrunn, A, Toppari, J, Virtanen, HE, Juul, A, Skakkebaek, NE & Jørgensen, N 2016, 'Varicocele Is Associated with Impaired Semen Quality and Reproductive Hormone Levels: A Study of 7035 Healthy Young Men from Six European Countries' *European Urology*, vol 70, nr. 6, s. 1019-1029. DOI: 10.1016/j.eururo.2016.06.044
57. Damgaard-Olesen, A, Johannsen, TH, Holmboe, SA, Søbørg, T, Petersen, JH, Andersson, A, Aadahl, M, Linneberg, A & Juul, A 2016, 'Reference ranges of 17-hydroxyprogesterone, DHEA, DHEAS, androstenedione, total and free testosterone determined by TurboFlow-LC-MS/MS and associations to health markers in 304 men' *Clinica chimica acta; international journal of clinical chemistry*, vol 454, s. 82-8. DOI: 10.1016/j.cca.2015.12.042
58. Christiansen, JS, Backeljauw, P, Bidlingmaier, M, Biller, B, Boguszewski, M, Casanueva, FF, Chanson, P, Chatelain, P, Choong, CS, Clemmons, DR, Cohen, L, Cohen, P, Frystyk, J, Grimberg, A, Hasegawa, Y, Haymond, M, Ho, K, Hoffman, AR, Holly, JM, Horikawa, R, Hoybye, C, Jørgensen, JOL, Johannsson, G, Juul, A, Katznelson, L, Kopchick, JJ, Lee, K-O, Lee, KW, Luo, X-P, Melmed, S, Miller, B, Misra, M, Popović, V, Rosenfeld, RG, Ross, J, Ross, RJ, Saenger, P, Strasburger, CJ, Thorner, MO, Werner, H & Yuen, KC 2016, 'Growth Hormone Research Society Perspective on the Development of Long-Acting Growth Hormone Preparations' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 174, nr. 6, s. C1-8. DOI: 10.1530/EJE-16-0111
59. Bytoft, B, Knorr, S, Vlachova, Z, Jensen, RB, Mathiesen, ER, Beck-Nielsen, H, Gravholt, CH, Jensen, DM, Clausen, TD, Mortensen, EL & Damm, P 2016, 'Long-term Cognitive Implications of Intra-uterine Hyperglycemia in Adolescent Offspring of Women With Type 1 Diabetes (the EPICOM Study)' *Diabetes Care*, vol 39, nr. 8, s. 1356-63. DOI: 10.2337/dc16-0168
60. Busch, AS, Hagen, CP, Almstrup, K & Juul, A 2016, 'Circulating MKRN3 levels decline during puberty in healthy boys' *The Journal of clinical endocrinology and metabolism*, s. jc20161488. DOI: 10.1210/jc.2016-1488
61. Busch, AS, Hagen, CP, Almstrup, K, Main, KM & Juul, A 2016, 'Genetic variations altering FSH action affect circulating hormone levels as well as follicle growth in healthy peripubertal girls' *Human reproduction (Oxford, England)*, vol 31, nr. 4, s. 897-904. DOI: 10.1093/humrep/dew022

62. Bourguignon, J-P, Juul, A, Franssen, D, Fudvoye, J, Pinson, A & Parent, A-S 2016, 'Contribution of the Endocrine Perspective in the Evaluation of Endocrine Disrupting Chemical Effects: The Case Study of Pubertal Timing' *Hormone research in paediatrics*, vol 86, nr. 4, s. 221-232. DOI: 10.1159/000442748
63. Boisen, K, Adolphsen, C, Svensson, J, Jensen, R & Teilmann, G 2016, 'Lægers tavshedspligt ved behandling af unge kan være et dilemma' *Ugeskrift for læger*, vol 178, nr. 21, s. 1991-1995.
64. Blomberg Jensen, M, Gerner Lawaetz, J, Andersson, A-M, Petersen, JH, Nordkap, L, Bang, AK, Ekbo, P, Joensen, UN, Prætorius, L, Lundstrøm, P, Boujida, VH, Lanske, B, Juul, A & Jørgensen, N 2016, 'Vitamin D deficiency and low ionized calcium are linked with semen quality and sex steroid levels in infertile men' *Human reproduction (Oxford, England)*, vol 31, nr. 8, s. 1875-85. DOI: 10.1093/humrep/dew152
65. Berney, DM, Looijenga, L, Idrees, M, Oosterhuis, JW, Rajpert-De Meyts, E, Ulbright, TM & Skakkebaek, NE 2016, 'Germ Cell Neoplasia In Situ (GCNIS). Evolution of the Current Nomenclature for Testicular Pre-invasive Germ Cell Malignancy' *Histopathology*, vol 69, nr. 1, s. 7-10. DOI: 10.1111/his.12958
66. Berglund, A, Johannsen, TH, Stochholm, K, Viuff, MH, Fedder, J, Main, KM & Gravholt, CH 2016, 'Incidence, Prevalence, Diagnostic Delay, and Clinical Presentation of Female 46,XY Disorders of Sex Development' *The Journal of clinical endocrinology and metabolism*, vol 101, nr. 12, s. 4532-4540. DOI: 10.1210/jc.2016-2248
67. Bandak, M, Jørgensen, N, Juul, A, Vogelius, IR, Lauritsen, J, Kier, MGG, Mortensen, MS, Glovinski, P & Dugaard, G 2016, 'Testosterone deficiency in testicular cancer survivors - a systematic review and meta-analysis' *Andrology*, vol 4, nr. 3, s. 382-8. DOI: 10.1111/andr.12177
68. Andersson, A-M, Bay, K, Frederiksen, H & Skakkebaek, NE 2016, 'Endocrine disrupters: we need research, biomonitoring and action' *Andrology*, vol 4, nr. 4, s. 556-60. DOI: 10.1111/andr.12244
69. Almstrup, K, Lindhardt Johansen, M, Busch, AS, Hagen, CP, Nielsen, JE, Petersen, JH & Juul, A 2016, 'Pubertal development in healthy children is mirrored by DNA methylation patterns in peripheral blood' *Scientific Reports*, vol 6, s. 28657. DOI: 10.1038/srep28657

2015

70. Main, KM, Tinggaard, J & Andersson, A-M 2015, *Tidlig eksponerings betydning for børns krops-sammensætning og risiko for udvikling af overvægt/fedme: Rapport til Miljøstyrelsen*.
71. Winge, SB, Nielsen, J, Jørgensen, A, Owczarek, S, Ewen, KA, Nielsen, JE, Juul, A, Berezin, V & Rajpert-De Meyts, E 2015, 'Biglycan is a novel binding partner of fibroblast growth factor receptor 3c (FGFR3c) in the human testis' *Molecular and cellular endocrinology*, vol 399, s. 235-43. DOI: 10.1016/j.mce.2014.09.018
72. Vlachová, Z, Bytoft, B, Knorr, S, Clausen, TD, Jensen, RB, Mathiesen, ER, Højlund, K, Ovesen, P, Beck-Nielsen, H, Gravholt, CH, Damm, P & Jensen, DM 2015, 'Increased metabolic risk in adolescent offspring of mothers with type 1 diabetes: the EPICOM study' *Diabetologia*, vol 58, nr. 7, s. 1454-63. DOI: 10.1007/s00125-015-3589-5
73. van den Driesche, S, Macdonald, J, Anderson, RA, Johnston, ZC, Chetty, T, Smith, LB, McKinnell, C, Dean, A, Homer, NZ, Jørgensen, A, Camacho-Moll, ME, Sharpe, RM & Mitchell, RT 2015, 'Prolonged exposure to acetaminophen reduces testosterone production by the human fetal testis in a xenograft model' *Science translational medicine*, vol 7, nr. 288, s. 288ra80. DOI: 10.1126/scitranslmed.aaa4097
74. Trasande, L, Zoeller, RT, Hass, U, Kortenkamp, A, Grandjean, P, Myers, JP, DiGangi, J, Bellanger, M, Hauser, R, Legler, J, Skakkebaek, NE & Heindel, JJ 2015, 'Estimating burden and disease costs of exposure to endocrine-disrupting chemicals in the European union' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 4, s. 1245-55. DOI: 10.1210/jc.2014-4324
75. Sørensen, K & Juul, A 2015, 'BMI percentile-for-age overestimates adiposity in early compared with late maturing pubertal children' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 173, nr. 2, s. 227-35. DOI: 10.1530/EJE-15-0239
76. Stang, A, Trabert, B, Rusner, C, Poole, C, Almstrup, K, Rajpert-De Meyts, E & McGlynn, KA 2015, 'A survey of etiologic hypotheses among testicular cancer researchers' *Andrology*, vol 3, nr. 1, s. 19-26. DOI: 10.1111/andr.306

77. Rørth, M, Grigor, KM, Jørgensen, N, Skakkebaek, NE & Rajpert-De Meyts, E 2015, 'Contralateral biopsy in the management of testicular cancer: what we have learned and what we need to improve' *Andrology*, vol 3, nr. 1, s. 99-101. DOI: 10.1111/andr.12008
78. Ringholm, L, Juul, A, Pedersen-Bjergaard, U, Thorsteinsson, B, Damm, P & Mathiesen, ER 2015, 'Lower levels of placental growth hormone in early pregnancy in women with type 1 diabetes and large for gestational age infants' *Growth hormone & IGF research : official journal of the Growth Hormone Research Society and the International IGF Research Society*, vol 25, nr. 6, s. 312-5. DOI: 10.1016/j.ghir.2015.11.002
79. Rasmussen, AR, Wohlfart-Veje, C, Tefre de Renzy-Martin, K, Hagen, CP, Tinggaard, J, Mouritsen, A, Mieritz, MG & Main, KM 2015, 'Validity of self-assessment of pubertal maturation' *Pediatrics*, vol 135, nr. 1, s. 86-93. DOI: 10.1542/peds.2014-0793
80. Rajpert-De Meyts, E, Nielsen, JE, Skakkebaek, NE & Almstrup, K 2015, 'Diagnostic markers for germ cell neoplasms: from placental-like alkaline phosphatase to micro-RNAs' *Folia histochemica et cytobiologica / Polish Academy of Sciences, Polish Histochemical and Cytochemical Society*, vol 53, nr. 3, s. 177-88. DOI: 10.5603/FHC.a2015.0020
81. Rajpert-De Meyts, E, Daugaard, G, Almstrup, K, Jørgensen, A, Rørth, M, Jørgensen, N, von der Maase, H & Skakkebaek, NE 2015, 'Increasing international efforts to understand and conquer testicular germ cell cancer' *Andrology*, vol 3, nr. 1, s. 1-3. DOI: 10.1111/andr.12010
82. Poulsen, GL, Nielsen, JE, Skakkebaek, NE, Juul, A & Rajpert-De Meyts, E 2015, 'Abundance of DLK1, differential expression of CYP11B1, CYP21A2 and MC2R, and lack of INSL3 distinguish testicular adrenal rest tumours from Leydig cell tumours' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 172, nr. 4, s. 491-9. DOI: 10.1530/EJE-14-0810
83. Petersen, MS, Halling, J, Weihe, P, Jensen, TK, Grandjean, P, Nielsen, F & Jørgensen, N 2015, 'Spermatogenic capacity in fertile men with elevated exposure to polychlorinated biphenyls' *Environmental Research*, vol 138, s. 345-51. DOI: 10.1016/j.envres.2015.02.030
84. Nygaard, MB, Almstrup, K, Lindbæk, L, Christensen, ST & Svingen, T 2015, 'Cell context-specific expression of primary cilia in the human testis and ciliary coordination of Hedgehog signalling in mouse Leydig cells' *Scientific Reports*, vol 5, s. 10364. DOI: 10.1038/srep10364
85. Nielsen, J, Jensen, RB & Afdeling, AJ 2015, 'Væksthormonmangel hos børn' *Ugeskrift for læger [online]*, vol 177, nr. 26, s. 1260-3.
86. Mørck, TA, Nielsen, F, Nielsen, JKS, Jensen, JF, Hansen, PW, Hansen, A, Christoffersen, LN, Siersma, VD, Larsen, I, Hohmann, LK, Skaanild, MT, Frederiksen, H, Biot, P, Casteleyn, L, Kolos-Gehring, M, Schwedler, G, Castaño, A, Angerer, J, Koch, HM, Esteban, M, Schoeters, G, Den Hond, E, Exley, K, Sepai, O, Bloemen, L, Joas, R, Joas, A, Fiddicke, U, Lopez, A, Cañas, A, Aerts, D & Knudsen, LE 2015, 'The Danish contribution to the European DEMOCOPHES project: A description of cadmium, cotinine and mercury levels in Danish mother-child pairs and the perspectives of supplementary sampling and measurements' *Environmental Research*, vol 141, s. 96-105. DOI: 10.1016/j.envres.2014.07.028
87. Mouritsen, A, Søbørg, T, Hagen, CP, Mieritz, MG, Johannsen, TH, Frederiksen, H, Andersson, A-M & Juul, A 2015, 'Longitudinal changes in serum concentrations of adrenal androgen metabolites and their ratios by LC-MS/MS in healthy boys and girls' *Clinica chimica acta; international journal of clinical chemistry*, vol 450, s. 370-5. DOI: 10.1016/j.cca.2015.09.020
88. Mieritz, MG, Rakët, LL, Hagen, CP, Nielsen, JE, Talman, M-LM, Petersen, JH, Sommer, SH, Main, KM, Jørgensen, N & Juul, A 2015, 'A Longitudinal Study of Growth, Sex Steroids, and IGF-1 in Boys With Physiological Gynecomastia' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 10, s. 3752-9. DOI: 10.1210/jc.2015-2836
89. Lunding, SA, Aksglaede, L, Anderson, RA, Main, KM, Juul, A, Hagen, CP & Pedersen, AT 2015, 'AMH as Predictor of Premature Ovarian Insufficiency: A Longitudinal Study of 120 Turner Syndrome Patients' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 7, s. E1030-8. DOI: 10.1210/jc.2015-1621
90. Litchfield, K, Mitchell, JS, Shipley, J, Huddart, R, Rajpert-De Meyts, E, Skakkebaek, NE, Houlston, RS & Turnbull, C 2015, 'Polygenic susceptibility to testicular cancer: implications for personalised health care' *B J C*, vol 113, nr. 10, s. 1512-8. DOI: 10.1038/bjc.2015.334
91. Lindorf Eriksen, C, Sejr Pedersen, A, Almstrup, K & Dybdahl Thomsen, P 2015, 'Maskulinisering hos en mops / Lhasa Apso blandingsstæve' *Dansk Veterinaertidsskrift*, vol 98, nr. 16, s. 28-31.

92. Le Cornet, C, Fervers, B, Oksbjerg Dalton, S, Feychting, M, Pukkala, E, Tynes, T, Hansen, J, Nordby, K-C, Béranger, R, Kauppinen, T, Uuksulainen, S, Wiebert, P, Woldbæk, T, Skakkebaek, NE, Olsson, A & Schüz, J 2015, 'Testicular germ cell tumours and parental occupational exposure to pesticides: a register-based case-control study in the Nordic countries (NORD-TEST study)' *Occupational and Environmental Medicine*, vol 72, nr. 11, s. 805-11. DOI: 10.1136/oemed-2015-102860
93. Lawaetz, JG, Hagen, CP, Grunnet Mieritz, M, Blomberg Jensen, M, Holm Petersen, J & Juul, A 2015, 'Evaluation of 451 Danish Boys with Delayed Puberty: Diagnostic use of a new Puberty Nomogram and Effects of Oral Testosterone Therapy' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 4, s. 1376-85. DOI: 10.1210/jc.2014-3631
94. Lawaetz, AC & Almstrup, K 2015, 'Involvement of epigenetic modifiers in the pathogenesis of testicular dysgenesis and germ cell cancer' *Biomolecular Concepts*, vol 6, nr. 3, s. 219-27. DOI: 10.1515/bmc-2015-0006
95. Käsäkoski, J, Raivio, T, Juul, A & Tommiska, J 2015, 'A missense mutation in MKRN3 in a Danish girl with central precocious puberty and her brother with early puberty' *Pediatric Research*, vol 78, nr. 6, 78, s. 709-11. DOI: 10.1038/pr.2015.159
96. Koskenniemi, JJ, Virtanen, HE, Kiviranta, H, Damgaard, IN, Matomäki, J, Thorup, JM, Hurme, T, Skakkebaek, NE, Main, KM & Toppari, J 2015, 'Association between levels of persistent organic pollutants in adipose tissue and cryptorchidism in early childhood: a case-control study' *Environmental Health: A Global Access Science Source*, vol 14, s. 78. DOI: 10.1186/s12940-015-0065-0
97. Knorr, S, Stochholm, K, Vlachová, Z, Bytoft, B, Clausen, TD, Jensen, RB, Juul, S, Ovesen, P, Damm, P, Beck-Nielsen, H, Jensen, DM & Gravholt, CH 2015, 'Multisystem Morbidity and Mortality in Offspring of Women With Type 1 Diabetes (the EPICOM Study): A Register-Based Prospective Cohort Study' *Diabetes Care*, vol 38, nr. 5, s. 821-6. DOI: 10.2337/dc14-2907
98. Kier, MGG, Lauritsen, J, Almstrup, K, Mortensen, MS, Toft, BG, Rajpert-De Meyts, E, Skakkebaek, NE, Rørth, M, von der Maase, H, Agerbaek, M, Holm, NV, Andersen, KK, Dalton, SO, Johansen, C & Dugaard, G 2015, 'Screening for carcinoma in situ in the contralateral testicle in patients with testicular cancer: a population-based study (DaTeCa 03 study)' *Annals of oncology : official journal of the European Society for Medical Oncology / ESMO*, vol 26, nr. 4, s. 737-42. DOI: 10.1093/annonc/mdu585
99. Jørgensen, A, Nielsen, JE, Perlman, S, Lundvall, L, Mitchell, RT, Juul, A & Rajpert-De Meyts, E 2015, 'Ex vivo culture of human fetal gonads: manipulation of meiosis signalling by retinoic acid treatment disrupts testis development' *Human reproduction (Oxford, England)*, vol 30, nr. 10, s. 2351-63. DOI: 10.1093/humrep/dev194
100. Jørgensen, A, Lindhardt Johansen, M, Juul, A, Skakkebaek, NE, Main, KM & Rajpert-De Meyts, E 2015, 'Pathogenesis of germ cell neoplasia in testicular dysgenesis and disorders of sex development' *Seminars in Cell and Developmental Biology*, vol 45, s. 124-37. DOI: 10.1016/j.semcdb.2015.09.013
101. Jensen, RB, Juul, A, Larsen, T, Mortensen, EL & Greisen, G 2015, 'Cognitive ability in adolescents born small for gestational age: Associations with fetal growth velocity, head circumference and postnatal growth' *Early Human Development*, vol 91, nr. 12, s. 755-60. DOI: 10.1016/j.earlhumdev.2015.08.014
102. Holmboe, SA, Vradi, E, Kold Jensen, T, Linneberg, A, Husemoen, LLN, Scheike, T, Skakkebaek, NE, Juul, A & Andersson, A-M 2015, 'The association of reproductive hormone levels and all-cause, cancer and cardiovascular disease mortality in men' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 12, s. 4472-80. DOI: 10.1210/jc.2015-2460
103. Hey-Mogensen, M, Gram, M, Jensen, MB, Lund, MT, Hansen, CN, Scheibye-Knudsen, M, Bohr, VA & Dela, F 2015, 'A novel method for determining human ex vivo submaximal skeletal muscle mitochondrial function' *The Journal of physiology*, vol 593, nr. 17, s. 3991-4010. DOI: 10.1113/JP270204
104. Hauser, R, Skakkebaek, NE, Hass, U, Toppari, J, Juul, A, Andersson, A-M, Kortenkamp, A, Heindel, JJ & Trasande, L 2015, 'Male Reproductive Disorders, Diseases, and Costs of Exposure to Endocrine-Disrupting Chemicals in the European Union' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 4, s. 1267-77. DOI: 10.1210/jc.2014-4325

105. Hart, RJ, Doherty, DA, McLachlan, RI, Walls, ML, Keelan, JA, Dickinson, JE, Skakkebaek, NE, Norman, RJ & Handelsman, DJ 2015, 'Testicular function in a birth cohort of young men' *Human reproduction (Oxford, England)*, vol 30, nr. 12, s. 2713-24. DOI: 10.1093/humrep/dev244
106. Hansen, JF, Nielsen, CH, Brorson, MM, Frederiksen, H, Hartoft-Nielsen, M-L, Rasmussen, ÅK, Bendtzen, K & Feldt-Rasmussen, U 2015, 'Influence of phthalates on in vitro innate and adaptive immune responses' *P L o S One*, vol 10, nr. 6, s. e0131168. DOI: 10.1371/journal.pone.0131168
107. Hagen, CP, Mouritsen, A, Mieritz, MG, Tinggaard, J, Wohlfart-Veje, C, Fallentin, E, Brocks, V, Sundberg, K, Neerup Jensen, L, Anderson, RA, Juul, A & Main, KM 2015, 'Circulating AMH reflects ovarian morphology by Magnetic Resonance Imaging and 3D-ultrasound in 121 healthy girls' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 3, s. 880-90. DOI: 10.1210/jc.2014-3336
108. Hagen, CP, Sørensen, K, Mieritz, MG, Johannsen, TH, Almstrup, K & Juul, A 2015, 'Circulating MKRN3 Levels Decline Prior to Pubertal Onset and Through Puberty: A Longitudinal Study of Healthy Girls' *The Journal of clinical endocrinology and metabolism*, vol 100, nr. 5, s. 1920-6. DOI: 10.1210/jc.2014-4462
109. Hagen, CP, Mieritz, MG, Nielsen, JE, Anand-Ivell, R, Ivell, R & Juul, A 2015, 'Longitudinal assessment of circulating insulin-like peptide 3 levels in healthy peripubertal girls' *Fertility and sterility*, vol 103, nr. 3, s. 780-86.e1. DOI: 10.1016/j.fertnstert.2014.11.014
110. Hagen, CP, Mouritsen, A, Mieritz, MG, Tinggaard, J, Wohlfahrt-Veje, C, Fallentin, E, Brocks, V, Sundberg, K, Jensen, LN, Juul, A & Main, KM 2015, 'Uterine volume and endometrial thickness in healthy girls evaluated by ultrasound (3-dimensional) and magnetic resonance imaging' *Fertility and sterility*, vol 104, nr. 2, s. 452-459.e2. DOI: 10.1016/j.fertnstert.2015.04.042
111. Gundersen, TD, Jørgensen, N, Andersson, A-M, Bang, AK, Nordkap, L, Skakkebaek, NE, Priskorn, L, Juul, A & Jensen, TK 2015, 'Association Between Use of Marijuana and Male Reproductive Hormones and Semen Quality: A Study Among 1,215 Healthy Young Men' *American journal of epidemiology*, vol 182, nr. 6, s. 473-81. DOI: 10.1093/aje/kwv135
112. Gaskins, AJ, Mendiola, J, Afeiche, M, Jørgensen, N, Swan, SH & Chavarro, JE 2015, 'Physical activity and television watching in relation to semen quality in young men' *British Journal of Sports Medicine*, vol 49, s. 265-270. DOI: 10.1136/bjsports-2012-091644
113. Frohnert, J, Bendtzen, K, Boas, M, Frederiksen, H, Nielsen, CH, Rasmussen, ÅK & Feldt-Rasmussen, U 2015, 'Influence of phthalates on cytokine production in monocytes and macrophages: a systematic review of experimental trials' *P L o S One*, vol 10, nr. 3, s. e0120083. DOI: 10.1371/journal.pone.0120083
114. Fredheim, S, Johansen, A, Thorsen, SU, Kremke, B, Nielsen, LB, Olsen, BS, Lyngsøe, L, Sildorf, SM, Pipper, C, Mortensen, HB, Johannesen, J, Svensson, J & The Danish Society for Diabetes in Childhood and Adolescence 2015, 'Nationwide reduction in the frequency of severe hypoglycemia by half' *Acta Diabetologica*, vol 52, nr. 3, s. 591-599. DOI: 10.1007/s00592-014-0697-5
115. Faurschou, S, Mouritsen, A, Johannsen, TH, Hougaard, DM, Cohen, A, Duno, M, Juul, A & Main, KM 2015, 'Hormonal disturbances due to severe and mild forms of congenital adrenal hyperplasia are already detectable in neonatal life' *Acta Paediatrica*, vol 104, nr. 2, s. e57-62. DOI: 10.1111/apa.12835
116. Covaci, A, Hond, ED, Geens, T, Govarts, E, Koppen, G, Frederiksen, H, Knudsen, LE, Mørck, TA, Gutleb, AC, Guignard, C, Cocco, E, Horvat, M, Heath, E, Kosjek, T, Mazej, D, Tratnik, JS, Castaño, A, Esteban, M, Cutanda, F, Ramos, JJ, Berglund, M, Larsson, K, Jönsson, BAG, Biot, P, Casteleyn, L, Joas, R, Joas, A, Bloemen, L, Sepai, O, Exley, K, Schoeters, G, Angerer, J, Kolossa-Gehring, M, Fiddicke, U, Aerts, D & Koch, HM 2015, 'Urinary BPA measurements in children and mothers from six European member states: Overall results and determinants of exposure' *Environmental Research*, vol 141, s. 77-85. DOI: 10.1016/j.envres.2014.08.008
117. Carrell, DT & Rajpert-De Meyts, E 2015, 'Announcing the 2014 andrology award' *Andrology*, vol 3, nr. 2, s. 147. DOI: 10.1111/andr.12039
118. Carlsen, EM, Renault, KM, Jensen, RB, Nørgaard, K, Jensen, J-EB, Nilas, L, Cortes, D, Michaelsen, KF & Pryds, O 2015, 'The Association between Newborn Regional Body Composition and Cord Blood Concentrations of C-Peptide and Insulin-Like Growth Factor I' *P L o S One*, vol 10, nr. 7, s. e0121350. DOI: 10.1371/journal.pone.0121350

119. Büttler, RM, Martens, F, Fanelli, F, Pham, H, Kushnir, MM, Janssen, MJW, Owen, L, Taylor, AE, Soeborg, T, Blankenstein, MA & Heijboer, AC 2015, 'Comparison of 7 Published LC-MS/MS Methods for the Simultaneous Measurement of Testosterone, Androstenedione, and Dehydroepiandrosterone in Serum' *Clinical Chemistry (Washington, DC)*, vol 61, nr. 12, s. 1475-83. DOI: 10.1373/clinchem.2015.242859
120. Burckhardt, M-A, Udhane, SS, Marti, N, Schnyder, I, Tapia, C, Nielsen, JE, Mullis, PE, Rajpert-De Meyts, E & Flück, CE 2015, 'Human 3 β -hydroxysteroid dehydrogenase deficiency seems to affect fertility but may not harbor a tumor risk: lesson from an experiment of nature' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 173, nr. 5, s. K1-K12. DOI: 10.1530/EJE-15-0599
121. Boehm, U, Bouloux, P-M, Dattani, MT, de Roux, N, Dodé, C, Dunkel, L, Dwyer, AA, Giacobini, P, Hardelin, J-P, Juul, A, Maghnie, M, Pitteloud, N, Prevot, V, Raivio, T, Tena-Sempere, M, Quinton, R & Young, J 2015, 'European Consensus Statement on congenital hypogonadotropic hypogonadism —pathogenesis, diagnosis and treatment' *Nature reviews. Endocrinology*, vol 11, nr. 9, s. 547-64. DOI: 10.1038/nrendo.2015.112
122. Boberg, J, Johansson, HKL, Hadrup, N, Dreisig, K, Berthelsen, SL, Almstrup, K, Vinggaard, AM & Hass, U 2015, 'Perinatal exposure to mixtures of anti-androgenic chemicals causes proliferative lesions in rat prostate' *The Prostate*, s. 126-40. DOI: 10.1002/pros.22897
123. Blomberg Jensen, M, Priskorn, L, Jensen, TK, Juul, A & Skakkebaek, NE 2015, 'Temporal Trends in Fertility Rates: A Nationwide Registry Based Study from 1901 to 2014' *P L o S One*, vol 10, nr. 12, s. e0143722. DOI: 10.1371/journal.pone.0143722
124. Bliddal, S, Boas, M, Hilsted, L, Friis-Hansen, L, Tabor, A & Feldt-Rasmussen, U 2015, 'Thyroid function and autoimmunity in Danish pregnant women after an iodine fortification program and associations with obstetric outcomes' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 173, nr. 6, s. 709-18. DOI: 10.1530/EJE-15-0358
125. Bergman, Å, Becher, G, Blumberg, B, Bjerregaard, P, Bornman, R, Brandt, I, Casey, SC, Frouin, H, Giudice, LC, Heindel, JJ, Iguchi, T, Jobling, S, Kidd, KA, Kortenkamp, A, Lind, PM, Muir, D, Ochieng, R, Ropstad, E, Ross, PS, Skakkebaek, NE, Toppari, J, Vandenberg, LN, Woodruff, TJ & Zoeller, RT 2015, 'Manufacturing doubt about endocrine disrupter science - A rebuttal of industry-sponsored critical comments on the UNEP/WHO report "State of the Science of Endocrine Disrupting Chemicals 2012"' *Regulatory toxicology and pharmacology : RTP*, vol 73, nr. 3, s. 1007-17. DOI: 10.1016/j.yrtph.2015.07.026
126. Allen, DB, Backeljauw, P, Bidlingmaier, M, Biller, BMK, Boguszewski, M, Burman, P, Butler, G, Chihara, K, Christiansen, J, Cianfarani, S, Clayton, P, Clemmons, D, Cohen, P, Darendeliler, F, Deal, C, Dunger, D, Erfurth, EM, Fuqua, JS, Grimberg, A, Haymond, M, Higham, C, Ho, K, Hoffman, AR, Hokken-Koelega, A, Johannsson, G, Juul, A, Kopchick, J, Lee, P, Pollak, M, Radovick, S, Robison, L, Rosenfeld, R, Ross, RJ, Savendahl, L, Saenger, P, Toft Sorensen, H, Stochholm, K, Strasburger, C, Swerdlow, A & Thorner, M 2015, 'GH safety workshop position paper: a critical appraisal of recombinant human GH therapy in children and adults' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 174, nr. 2, s. P1-9. DOI: 10.1530/EJE-15-0873

2014

127. Rajpert-De Meyts, E & Carrell, DT 2014, 'Announcing the first Andrology award' *Andrology*, vol 2, nr. 3, s. 299.
128. Skakkebaek, NE 2014, 'Lessons learned in andrology: what I have learned' *Andrology*, vol 2, nr. 2, s. 157-8. DOI: 10.1111/j.2047-2927.2014.00203.x
129. Rajpert-De Meyts, E & Carrell, DT 2014, 'Entering the second year of the transatlantic Andrology collaboration' *Andrology*, vol 2, nr. 1, s. 1-2. DOI: 10.1111/j.2047-2927.2013.00179.x
130. Zoeller, RT, Bergman, Å, Becher, G, Bjerregaard, P, Bornman, R, Brandt, I, Iguchi, T, Jobling, S, Kidd, KA, Kortenkamp, A, Skakkebaek, NE, Toppari, J & Vandenberg, LN 2014, 'A path forward in the debate over health impacts of endocrine disrupting chemicals' *Environmental Health: A Global Access Science Source*, vol 14, nr. 1, s. 118. DOI: 10.1186/1476-069X-13-118
131. Yoshinaga, J, Imai, K, Shiraishi, H, Nozawa, S, Yoshiike, M, Mieno, MN, Andersson, A-M & Iwamoto, T 2014, 'Pyrethroid insecticide exposure and reproductive hormone levels in healthy Japanese male subjects' *Andrology*, vol 2, nr. 3, s. 416-20. DOI: 10.1111/j.2047-2927.2014.00202.x

132. Wohlfart-Veje, C, Audouze, KML, Brunak, S, Antignac, JP, le Bizec, B, Juul, A, Skakkebaek, NE & Main, KM 2014, 'Polychlorinated dibenzo-p-dioxins, furans, and biphenyls (PCDDs/PCDFs and PCBs) in breast milk and early childhood growth and IGF1' *Reproduction (Cambridge, England)*, vol 147, nr. 4, s. 391-9. DOI: 10.1530/REP-13-0422
133. Wohlfahrt-Veje, C, Tinggaard, J, Winther, K, Mouritsen, A, Hagen, CP, Mieritz, MG, de Renzy-Martin, KT, Boas, M, Petersen, JH & Main, KM 2014, 'Body fat throughout childhood in 2647 healthy Danish children: agreement of BMI, waist circumference, skinfolds with dual X-ray absorptiometry' *European journal of clinical nutrition*, vol 68, nr. 6, s. 664-70. DOI: 10.1038/ejcn.2013.282
134. Vorkamp, K, Nielsen, F, Kyhl, HB, Husby, S, Nielsen, LB, Barington, T, Andersson, A-M & Jensen, TK 2014, 'Polybrominated diphenyl ethers and perfluoroalkyl substances in serum of pregnant women: levels, correlations, and potential health implications' *Archives of Environmental Contamination and Toxicology*, vol 67, nr. 1, s. 9-20. DOI: 10.1007/s00244-013-9988-z
135. Vesterholm Jensen, D, Christensen, J, Virtanen, HE, Skakkebaek, NE, Main, KM, Toppari, J, Wohlfart-Veje, C, Andersson, A-M, Nielsen, F, Grandjean, P & Jensen, TK 2014, 'No association between exposure to perfluorinated compounds and congenital cryptorchidism: a nested case-control study among 215 boys from Denmark and Finland' *Reproduction (Cambridge, England)*, vol 147, s. 411-417. DOI: 10.1530/REP-13-0444
136. Vestergaard, PF, Vendelbo, MH, Pedersen, SB, Juul, A, Ringgaard, S, Møller, N, Jessen, N & Jørgensen, JOL 2014, 'GH signaling in skeletal muscle and adipose tissue in healthy human subjects: impact of gender and age' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 171, nr. 5, s. 623-31. DOI: 10.1530/EJE-14-0538
137. Taastrøm, A, Klahn, J, Staal, N, Thomsen, PH & Johansen, A 2014, 'Children and adolescents in the Psychiatric Emergency Department: A 10-year survey in Copenhagen County' *Nordic Journal of Psychiatry*, vol 68, nr. 6. DOI: 10.3109/08039488.2013.846410
138. Tommiska, J, Käsäkoski, J, Christiansen, P, Jørgensen, N, Lawaetz, JG, Juul, A & Raivio, T 2014, 'Genetics of congenital hypogonadotropic hypogonadism in Denmark' *European Journal of Medical Genetics*, vol 57, nr. 7, s. 345-8. DOI: 10.1016/j.ejmg.2014.04.002
139. Tinggaard, J, Jensen, RB, Sundberg, K, Birkebaek, N, Christiansen, P, Ellermann, A, Holm, K, Jeppesen, EM, Kremke, B, Marcinski, P, Pedersen, C, Saurbrey, N, Thisted, E, Main, KM & Juul, A 2014, 'Ovarian morphology and function during growth hormone therapy of short girls born small for gestational age' *Fertility and sterility*, vol 102, nr. 6, s. 1733-41. DOI: 10.1016/j.fertnstert.2014.09.014
140. Tinggaard, J, Aksglaede, L, Sørensen, K, Mouritsen, A, Wohlfart-Veje, C, Hagen, CP, Mieritz, MG, Jørgensen, N, Wolthers, OD, Heuck, C, Petersen, JH, Main, KM & Juul, A 2014, 'The 2014 Danish references from birth to 20 years for height, weight and body mass index' *Acta paediatrica*, vol 103, nr. 2, s. 214-24. DOI: 10.1111/apa.12468
141. Thankamony, A, Capalbo, D, Marcovecchio, ML, Sleigh, A, Jørgensen, SW, Hill, NR, Mooslehner, K, Yeo, GSH, Bluck, L, Juul, A, Vaag, A & Dunger, DB 2014, 'Low circulating levels of IGF-1 in healthy adults are associated with reduced β -cell function, increased intramyocellular lipid, and enhanced fat utilization during fasting' *The Journal of clinical endocrinology and metabolism*, vol 99, nr. 6, s. 2198-207. DOI: 10.1210/jc.2013-4542
142. Teilmann, G & Skakkebaek, NE 2014, 'Adopterede pigers pubertet: pubertas præcox er et hyppigt problem' *Månedsskrift for Almen Praksis*, vol 92, nr. 3, s. 236-243.
143. Tefre de Renzy-Martin, K, Frederiksen, H, Christensen, J, Boye Kyhl, H, Andersson, A-M, Husby, S, Barington, T, Main, KM & Jensen, TK 2014, 'Current exposure of 200 pregnant Danish women to phthalates, parabens and phenols' *Reproduction (Cambridge, England)*, vol 147, s. 443-453. DOI: 10.1530/REP-13-0461
144. Søbørg, T, Frederiksen, H & Andersson, A-M 2014, 'Considerations for estimating daily intake values of non-persistent environmental endocrine disruptors based on urinary biomonitoring data' *Reproduction (Cambridge, England)*, vol 147, s. 455-463. DOI: 10.1530/REP-13-0458
145. Søbørg, T, Frederiksen, H, Mouritsen, A, Johannsen, TH, Main, KM, Jørgensen, N, Petersen, JH, Andersson, A-M & Juul, A 2014, 'Sex, age, pubertal development and use of oral contraceptives in relation to serum concentrations of DHEA, DHEAS, 17 α -hydroxyprogesterone, Δ 4-androstenedione, testosterone and their ratios in children, adolescents and young adults' *Clinica chimica acta; international journal of clinical chemistry*, vol 437, s. 6-13. DOI: 10.1016/j.cca.2014.06.018

146. Svingen, T, Jørgensen, A & Rajpert-De Meyts, E 2014, 'Validation of endogenous normalizing genes for expression analyses in adult human testis and germ cell neoplasms' *Molecular Human Reproduction*, vol 20, nr. 8, s. 709-18. DOI: 10.1093/molehr/gau030
147. Sermondade, N, Faure, C, Fezeu, L, Shayeb, AG, Bonde, JP, Jensen, TK, Van Wely, M, Cao, JT, Martini, AC, Eskandar, M, Chavarro, JE, Koloszar, S, Twigt, JM, Ramlau-Hansen, C, Borges, E, Lotti, F, Steegers-Theunissen, RPM, Zorn, B, Polotsky, AJ, La Vignera, S, Eskenazi, B, Tremellen, K, Magnusdottir, EV, Fejes, I, Hercberg, S, Lévy, R & Czernichow, S 2014, 'BMI in relation to sperm count: an updated systematic review and collaborative meta-analysis' *Human Reproduction Update*, vol 19, nr. 3, s. 221-31. DOI: 10.1093/humupd/dms050
148. Schindler, BK, Esteban, M, Koch, HM, Castano, A, Koslitz, S, Cañas, A, Casteleyn, L, Kolossa-Gehring, M, Schwedler, G, Schoeters, G, Hond, ED, Sepai, O, Exley, K, Bloemen, L, Horvat, M, Knudsen, LE, Joas, A, Joas, R, Biot, P, Aerts, D, Lopez, A, Huetos, O, Katsonouri, A, Maurer-Chronakis, K, Kasparova, L, Vrbík, K, Rudnai, P, Naray, M, Guignard, C, Fischer, ME, Ligočka, D, Janasik, B, Reis, MF, Namorado, S, Pop, C, Dumitrascu, I, Halzlova, K, Fabianova, E, Mazej, D, Tratnik, JS, Berglund, M, Jönsson, B, Lehmann, A, Crettaz, P, Frederiksen, H, Nielsen, F, McGrath, H, Nesbitt, I, De Cremer, K, Vanermen, G, Koppen, G, Wilhelm, M, Becker, K & Angerer, J 2014, 'The European COPHES/DEMOCOPHES project: towards transnational comparability and reliability of human biomonitoring results' *International Journal of Hygiene and Environmental Health*, vol 217, nr. 6, s. 653-61. DOI: 10.1016/j.ijheh.2013.12.002
149. Schiffer, C, Müller, A, Egeberg, DL, Alvarez, L, Brenker, C, Rehfeld, A, Frederiksen, H, Wäschle, B, Kaupp, UB, Balbach, M, Wachten, D, Skakkebaek, NE, Almstrup, K & Strünker, T 2014, 'Direct action of endocrine disrupting chemicals on human sperm' *E M B O Reports*, vol 15, s. 758-65. DOI: 10.15252/embr.201438869
150. Rossing, M, Gerdes, A-M, Juul, A, Rechnitzer, C, Rudnicki, M, Nielsen, FC & Hansen, TVO 2014, 'A novel DICER1 mutation identified in a female with ovarian Sertoli-Leydig cell tumor and multinodular goiter: a case report' *Journal of Medical Case Reports*, vol 8, s. 112. DOI: 10.1186/1752-1947-8-112
151. Rantakokko, P, Main, KM, Wohlfart-Veje, C, Kiviranta, H, Airaksinen, R, Vartiainen, T, Skakkebaek, NE, Toppari, J & Virtanen, HE 2014, 'Association of placenta organotin concentrations with growth and ponderal index in 110 newborn boys from Finland during the first 18 months of life: a cohort study' *Environmental Health: A Global Access Science Source*, vol 13, nr. 1, s. 45. DOI: 10.1186/1476-069X-13-45
152. Priskorn, L, Jensen, TK, Lindahl-Jacobsen, R, Skakkebaek, NE, Bostofte, E & Eisenberg, ML 2014, 'Parental age at delivery and a man's semen quality' *Human reproduction (Oxford, England)*, vol 29, nr. 5, s. 1097-102. DOI: 10.1093/humrep/deu039
153. Pivkovska, J, Born, AP & Nielsen, CT 2014, 'Thyroid hormone resistance may course hypotonia in infancy' *Ugeskrift for læger [online]*, vol 176, nr. 25A.
154. Pedersen, AS, Berg, LC, Almstrup, K & Thomsen, PD 2014, 'A Tortoiseshell Male Cat: Chromosome Analysis and Histologic Examination of the Testis' *Cytogenetic and Genome Research*, vol 142, s. 107-111. DOI: 10.1159/000356466
155. Mouritsen, A, Lindhardt Johansen, M, Wohlfart-Veje, C, Hagen, CP, Tinggaard, J, Mieritz, MG, Tefre de Renzy-Martin, K, Soeborg, T, Fallentin, E, Juul, A & Main, KM 2014, 'Determination of Adrenal Volume by MRI in Healthy Children: Associations to Age, Body Size, Pubertal Stage and Serum levels of Adrenal Androgens' *Clinical Endocrinology*, vol 81, s. 183-189. DOI: 10.1111/cen.12414
156. Mouritsen, A, Søeborg, T, Johannsen, TH, Aksglaede, L, Sørensen, K, Hagen, CP, Mieritz, MG, Frederiksen, H, Andersson, A-M & Juul, A 2014, 'Longitudinal changes in circulating testosterone levels determined by LC-MS/MS and by a commercially available radioimmunoassay in healthy girls and boys during the pubertal transition' *Hormone Research in Paediatrics*, vol 82, nr. 1, s. 12-7. DOI: 10.1159/000358560
157. Mosbech, CH, Svingen, T, Nielsen, JE, Toft, BG, Rechnitzer, C, Petersen, BL, Rajpert-De Meyts, E & Hoei-Hansen, CE 2014, 'Expression pattern of clinically relevant markers in paediatric germ cell- and sex-cord stromal tumours is similar to adult testicular tumours' *Virchows Archiv : an international journal of pathology*, vol 465, nr. 5, s. 567-77. DOI: 10.1007/s00428-014-1635-1

158. Mosbech, CH, Rechnitzer, C, Brok, JS, Rajpert-De Meyts, E & Hoei-Hansen, CE 2014, 'Recent advances in understanding the etiology and pathogenesis of pediatric germ cell tumors' *Journal of Pediatric Hematology/Oncology*, vol 36, nr. 4, s. 263-70. DOI: 10.1097/MPH.0000000000000125
159. Molsted, S, Andersen, JL, Eidemak, I, Harrison, AP & Jørgensen, N 2014, 'Resistance training and testosterone levels in male patients with chronic kidney disease undergoing dialysis' *BioMed Research International*, vol 2014, s. 121273. DOI: 10.1155/2014/121273
160. Mieritz, MG, Sørensen, K, Aksglæde, L, Mouritsen, A, Hagen, CP, Hilsted, L, Andersson, A-M & Juul, A 2014, 'Elevated serum IGF-I, but unaltered sex steroid levels, in Healthy Boys with Pubertal Gynaecomastia' *Clinical Endocrinology*, vol 80, nr. 5, s. 691-8. DOI: 10.1111/cen.12323
161. Mieritz, MG, Sørensen, K, Aksglæde, L, Mouritsen, A, Hagen, CP, Hilsted, L, Andersson, A-M & Juul, A 2014, 'Elevated serum levels of free triiodothyronine in adolescent boys with gynaecomastia compared with controls' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 171, nr. 2, s. 193-8. DOI: 10.1530/EJE-13-0847
162. Mendiola, J, Jørgensen, N, Andersson, A-M, Stahlhut, RW, Liu, F & Swan, SH 2014, 'Reproductive parameters in young men living in Rochester, New York' *Fertility and sterility*, vol 101, nr. 4, s. 1064-71. DOI: 10.1016/j.fertnstert.2014.01.007
163. Lottrup, G, Nielsen, JE, Maroun, LL, Møller, LMA, Yassin, M, Leffers, H, Skakkebaek, NE & Rajpert-De Meyts, E 2014, 'Expression patterns of DLK1 and INSL3 identify stages of Leydig cell differentiation during normal development and in testicular pathologies, including testicular cancer and Klinefelter syndrome' *Human reproduction (Oxford, England)*, vol 29, nr. 8, s. 1637-50. DOI: 10.1093/humrep/deu124
164. Lindhardt Johansen, M, Anand-Ivell, R, Mouritsen, A, Hagen, CP, Mieritz, MG, Sæborg, T, Johannsen, TH, Main, KM, Andersson, A-M, Ivell, R & Juul, A 2014, 'Serum levels of INSL3, AMH, Inhibin B and Testosterone during pubertal transition in healthy boys' *Reproduction (Cambridge, England)*, vol 147, s. 529-535. DOI: 10.1530/REP-13-0435
165. Lassen, TH, Frederiksen, H, Jensen, TK, Petersen, JH, Joensen, UN, Main, KM, Skakkebaek, NE, Juul, A, Jørgensen, N & Andersson, A-M 2014, 'Urinary bisphenol A levels in young men: association with reproductive hormones and semen quality' *Environmental Health Perspectives*, vol 122, nr. 5, s. 478-84. DOI: 10.1289/ehp.1307309
166. Krysiak-Baltyn, K, Nordahl Petersen, T, Audouze, K, Jørgensen, N, Angquist, L & Brunak, S 2014, 'Compass: a hybrid method for clinical and biobank data mining' *Journal of Biomedical Informatics*, vol 47, s. 160-70. DOI: 10.1016/j.jbi.2013.10.007
167. Kristensen, DG, Nielsen, JE, Jørgensen, A, Skakkebaek, NE, Rajpert-De Meyts, E & Almstrup, K 2014, 'Evidence that active demethylation mechanisms maintain the genome of carcinoma in situ cells hypomethylated in the adult testis' *B J C*, vol 110, s. 668-78. DOI: 10.1038/bjc.2013.727
168. Kranich, SK, Frederiksen, H, Andersson, A-M & Jørgensen, N 2014, 'Estimated daily intake and hazard quotients and indices of phthalate diesters for young danish men' *Environmental Science and Technology*, vol 48, nr. 1, s. 706-12. DOI: 10.1021/es402569k
169. Jørgensen, A, Young, J, Nielsen, JE, Joensen, UN, Toft, BG, Rajpert-De Meyts, E & Loveland, KL 2014, 'Hanging drop cultures of human testis and testis cancer samples: a model used to investigate activin treatment effects in a preserved niche' *B J C*, vol 110, nr. 10, s. 2604-14. DOI: 10.1038/bjc.2014.160
170. Jørgensen, A, Nellesmann, C, Wohlfahrt-Veje, C, Jensen, TK, Main, KM & Andersen, HR 2014, 'Interaction between paraoxonase 1 polymorphism and prenatal pesticide exposure on metabolic markers in children using a multiplex approach' *Reproductive toxicology (Elmsford, N.Y.)*, vol 51C, s. 22-30. DOI: 10.1016/j.reprotox.2014.11.005
171. Jørgensen, A & Rajpert-De Meyts, E 2014, 'Regulation of meiotic entry and gonadal sex differentiation in the human: normal and disrupted signaling' *Biomolecular Concepts*, vol 5, nr. 4, s. 331-41. DOI: 10.1515/bmc-2014-0014
172. Juul, A, Almstrup, K, Andersson, A-M, Jensen, TK, Jørgensen, N, Main, KM, Meyts, ER-D, Toppari, J & Skakkebaek, NE 2014, 'Possible fetal determinants of male infertility' *Nature reviews. Endocrinology*, vol 10, s. 553-562. DOI: 10.1038/nrendo.2014.97

173. Joensen, UN, Jørgensen, N, Meldgaard, M, Frederiksen, H, Andersson, A-M, Menné, T, Johansen, JD, Carlsen, BC, Stender, S, Szecsi, PB, Skakkebaek, NE, Rajpert-De Meyts, E & Thyssen, JP 2014, 'Associations of Filaggrin Gene Loss-of-Function Variants with Urinary Phthalate Metabolites and Testicular Function in Young Danish Men' *Environmental Health Perspectives*, vol 122, nr. 4, s. 345-350. DOI: 10.1289/ehp.1306720
174. Jensen, RB, Thankamony, A, O'Connell, SM, Kirk, J, Donaldson, M, Ivarsson, S-A, Söder, O, Roche, E, Hoey, H, Dunger, DB & Juul, A 2014, 'A randomised controlled trial evaluating IGF1 titration in contrast to current GH dosing strategies in children born small for gestational age: the North European Small-for-Gestational-Age Study' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 171, nr. 4, s. 509-18. DOI: 10.1530/EJE-14-0419
175. Jensen, TK, Swan, S, Jørgensen, N, Toppari, J, Redmon, B, Punab, M, Drobnis, EZ, Haugen, TB, Zilaitiene, B, Sparks, AE, Irvine, DS, Wang, C, Jouannet, P, Brazil, C, Paasch, U, Salzbrunn, A, Skakkebaek, NE & Andersson, A-M 2014, 'Alcohol and male reproductive health: a cross-sectional study of 8344 healthy men from Europe and the USA' *Human reproduction (Oxford, England)*, vol 29, nr. 8, s. 1801-9. DOI: 10.1093/humrep/deu118
176. Jensen, TK, Gottschau, ME, Madsen, JOB, Andersson, A-M, Lassen, TH, Skakkebaek, NE, Swan, SH, Priskorn, L, Juul, A & Jørgensen, N 2014, 'Habitual alcohol consumption associated with reduced semen quality and changes in reproductive hormones; a cross-sectional study among 1221 young Danish men' *B M J Open*, vol 4, nr. 9, s. e005462. DOI: 10.1136/bmjopen-2014-005462
177. Hart, R, Doherty, DA, Frederiksen, H, Keelan, JA, Hickey, M, Sloboda, D, Pennell, CE, Newnham, JP, Skakkebaek, NE & Main, KM 2014, 'The influence of antenatal exposure to phthalates on subsequent female reproductive development in adolescence: a pilot study' *Reproduction (Cambridge, England)*, vol 147, s. 379-390. DOI: 10.1530/REP-13-0331
178. Harder-Lauridsen, NM, Birk, NM, Ried-Larsen, M, Juul, A, Andersen, LB, Pedersen, BK & Krogh-Madsen, R 2014, 'A randomized controlled trial on a multicomponent intervention for overweight school-aged children - Copenhagen, Denmark' *B M C Pediatrics*, vol 14, nr. 1, s. 273. DOI: 10.1186/1471-2431-14-273
179. Hagen, CP, Sørensen, K, Aksglaede, L, Mouritsen, A, Mieritz, MG, Tinggaard, J, Wohlfart-Veje, C, Petersen, JH, Main, KM, Rajpert-De Meyts, E, Almstrup, K & Juul, A 2014, 'Pubertal Onset in Girls is Strongly Influenced by Genetic Variation Affecting FSH Action' *Scientific Reports*, vol 4, s. 6412. DOI: 10.1038/srep06412
180. Frederiksen, H, Kuiri-Hänninen, T, Main, KM, Dunkel, L & Sankilampi, U 2014, 'A longitudinal study of urinary phthalate excretion in 58 full-term and 67 preterm infants from birth through 14 months' *Environmental Health Perspectives*, vol 122, nr. 9, s. 998-1005. DOI: 10.1289/ehp.1307569
181. Frederiksen, H, Jensen, TK, Jørgensen, N, Boye Kyhl, H, Husby, S, Skakkebaek, NE, Main, KM, Juul, A & Andersson, A-M 2014, 'Human urinary excretion of non-persistent environmental chemicals: an overview of Danish data collected 2006-2012' *Reproduction (Cambridge, England)*, vol 147, s. 555-565. DOI: 10.1530/REP-13-0522
182. Chiu, YH, Afeiche, MC, Gaskins, AJ, Williams, PL, Mendiola, J, Jørgensen, N, Swan, SH & Chavarro, JE 2014, 'Sugar-sweetened beverage intake in relation to semen quality and reproductive hormone levels in young men' *Human reproduction (Oxford, England)*, vol 29, nr. 7, s. 1575-84. DOI: 10.1093/humrep/deu102
183. Carrell, DT, Rajpert-De Meyts, E, Krausz, C, Jannini, EA, Liu, PY, Gerton, GL, La Salle, S & Amaral, A 2014, 'The need of continuous focus on improved mentoring of trainees and young investigators in the field of andrology: highlights of current programs and opportunities for the future' *Andrology*, vol 2, nr. 5, s. 649-51. DOI: 10.1111/j.2047-2927.2014.00259.x
184. Bliddal, S, Feldt-Rasmussen, U, Boas, M, Faber, J, Juul, A, Larsen, TK & Precht, DH 2014, 'Gestational-age-specific reference ranges from different laboratories misclassifies pregnant women's thyroid status: comparison of two longitudinal prospective cohort studies' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 170, s. 329-39. DOI: 10.1530/EJE-13-0672
185. Bjerregaard, B, Lemmen, JG, Petersen, MR, Ostrup, E, Iversen, LH, Almstrup, K, Larsson, L-I & Ziebe, S 2014, 'Syncytin-1 and its receptor is present in human gametes' *Journal of Assisted Reproduction and Genetics*, vol 31, nr. 5, s. 533-39. DOI: 10.1007/s10815-014-0224-1

186. Bisgaard, A, Sørensen, K, Johannsen, TH, Helge, JW, Andersson, A-M & Juul, A 2014, 'Significant gender difference in serum levels of fibroblast growth factor 21 in Danish children and adolescents' *International journal of pediatric endocrinology*, vol 2014, nr. 1, s. 7. DOI: 10.1186/1687-9856-2014-7
187. Beck Jensen, R, Thankamony, A, Day, F, Scott, RA, Langenberg, C, Kirk, J, Donaldson, M, Ivarsson, S-A, Söder, O, Roche, E, Hoey, H, Juul, A, Ong, KK & Dunger, DB 2014, 'Genetic markers of insulin sensitivity and insulin secretion are associated with spontaneous postnatal growth and response to growth hormone treatment in short SGA children: the North European SGA Study (NESGAS)' *The Journal of clinical endocrinology and metabolism*, s. jc20143469. DOI: 10.1210/jc.2014-3469
188. Bartkova, J, Hoei-Hansen, CE, Krizova, K, Hamerlik, P, Skakkebæk, NE, Rajpert-De Meyts, E & Bartek, J 2014, 'Patterns of DNA damage response in intracranial germ cell tumors versus glioblastomas reflect cell of origin rather than brain environment: Implications for the anti-tumor barrier concept and treatment' *Molecular Oncology*, vol 8, nr. 8, s. 1667-78. DOI: 10.1016/j.molonc.2014.07.001
189. Andreassen, M, Jensen, RB, Jørgensen, N & Juul, A 2014, 'Association between GH receptor polymorphism (exon 3 deletion), serum IGF1, semen quality, and reproductive hormone levels in 838 healthy young men' *European journal of endocrinology / European Federation of Endocrine Societies*, vol 170, nr. 4, s. 555-563. DOI: 10.1530/EJE-13-0729
190. Andersson, A-M, Frederiksen, H, Grigor, KM, Toppari, J & Skakkebæk, NE 2014, 'Special issue on the Impact of endocrine disrupters on reproductive health' *Reproduction (Cambridge, England)*, vol 147, nr. 4, s. E1. DOI: 10.1530/REP-14-0060
191. Afeiche, MC, Williams, PL, Gaskins, AJ, Mendiola, J, Jørgensen, N, Swan, SH & Chavarro, JE 2014, 'Meat intake and reproductive parameters among young men' *Epidemiology (Cambridge, Mass.)*, vol 25, nr. 3, s. 323-30. DOI: 10.1097/EDE.0000000000000092

2013

192. Rajpert-De Meyts, E, Almstrup, K, Nielsen, JE & Skakkebæk, NE 2013, The Testis in Childhood Between Birth and Puberty. i D Ježek (red.), *Atlas on the Human Testis: Normal Morphology and Pathology*. Springer, London, s. 69-75.
193. Rajpert-De Meyts, E & Carrell, DT 2013, 'Scientific journals' responsibility in shaping public health policy' *Andrology*, vol 1, nr. 6, s. 801. DOI: 10.1111/j.2047-2927.2013.00150.x
194. Carrell, DT & Rajpert-De Meyts, E 2013, 'A new era of 'Andrology'' *Andrology*, vol 1, nr. 1, s. 1-2. DOI: 10.1111/j.2047-2927.2012.00043.x
195. Carrell, DT & Rajpert-De Meyts, E 2013, 'Meaningful peer review is integral to quality science and should provide benefits to the authors and reviewers alike' *Andrology*, vol 1, nr. 4, s. 531-2. DOI: 10.1111/j.2047-2927.2013.00105.x
196. Carrell, DT & Rajpert-De Meyts, E 2013, 'Open access, scientific integrity and Andrology' *Andrology*, vol 1, nr. 2, s. 175-6. DOI: 10.1111/j.2047-2927.2013.00074.x
197. Carrell, DT & Rajpert-De Meyts, E 2013, 'The 'harsh and the hassle' of science and the slide to irreproducibility: a concern that must be addressed by investigators and journals' *Andrology*, vol 1, nr. 6, s. 799-800. DOI: 10.1111/j.2047-2927.2013.00149.x
198. Jørgensen, N, Juul, A & Rajpert-De Meyts, E 2013, Andrologisk Endokrinologi. i OB Schaffalitzky De Muckadel, S Haunsø & H Vilstrup (red), *Medicinsk Kompendium*. 18 udg, vol. Bind 2, Munksgård Danmark, København, s. 2054-2079.
199. Aksglæde, L & Juul, A 2013, 'Therapy of endocrine disease: Testicular function and fertility in men with Klinefelter syndrome: a review' *European Journal of Endocrinology*, vol 168, nr. 4, s. R67-76. DOI: 10.1530/EJE-12-0934
200. Østergren, P, Juul, A & Azawi, NH 2013, 'Disorders of sex development presenting as unilateral cryptorchidism' *Scandinavian Journal of Urology and Nephrology*, vol 47, nr. 5, s. 433-36. DOI: 10.3109/21681805.2013.766901
201. Zareba, P, Colaci, DS, Afeiche, M, Gaskins, AJ, Jørgensen, N, Mendiola, J, Swan, SH & Chavarro, JE 2013, 'Semen quality in relation to antioxidant intake in a healthy male population' *Fertility and sterility*, vol 100, nr. 6, s. 1572-9. DOI: 10.1016/j.fertnstert.2013.08.032

202. Wainwright, EN, Jorgensen, JS, Kim, Y, Truong, V, Bagheri-Fam, S, Davidson, T, Svingen, T, Fernandez-Valverde, SL, McClelland, KS, Taft, RJ, Harley, VR, Koopman, P & Wilhelm, D 2013, 'SOX9 regulates microRNA miR-202-5p/3p expression during mouse testis differentiation' *Biology of Reproduction*, vol 89, nr. 2, s. 34. DOI: 10.1095/biolreprod.113.110155
203. Tommiska, J, Jørgensen, N, Christiansen, P, Juul, A & Raivio, T 2013, 'A homozygous R262Q mutation in the gonadotropin-releasing hormone receptor presenting as reversal of hypogonadotropic hypogonadism and late-onset hypogonadism' *Clinical Endocrinology*, vol 78, nr. 2, s. 316-7. DOI: 10.1111/j.1365-2265.2012.04493.x
204. Tarulli, GA, Stanton, PG, Loveland, KL, Rajpert-De Meyts, E, McLachlan, RI & Meachem, SJ 2013, 'A survey of Sertoli cell differentiation in men after gonadotropin suppression and in testicular cancer' *Spermatogenesis*, vol 3, nr. 1, s. e24014. DOI: 10.4161/spmg.24014
205. Sørensen, K, Juul, A, Christensen, K, Skytthe, A, Scheike, TH & Kold Jensen, T 2013, 'Birth size and age at menarche: a twin perspective' *Human reproduction (Oxford, England)*, vol 28, nr. 10, s. 2865-71. DOI: 10.1093/humrep/det283
206. Søbørg, T, Frederiksen, H, Fruekilde, P, Johannsen, TH, Juul, A & Andersson, AM 2013, 'Serum concentrations of DHEA, DHEAS, 17 α -hydroxyprogesterone, Δ 4-androstenedione and testosterone in children determined by TurboFlow-LC-MS/MS' *Clinica Chimica Acta*, vol 419C, s. 95-101. DOI: 10.1016/j.cca.2013.01.019
207. Svingen, T & Koopman, P 2013, 'Building the mammalian testis: origins, differentiation, and assembly of the component cell populations' *Genes & Development*, vol 27, nr. 22, s. 2409-26. DOI: 10.1101/gad.228080.113
208. Sánchez-Pozo, MC, Mendiola, J, Serrano, M, Mozas, J, Björndahl, L, Menkveld, R, Lewis, SEM, Mortimer, D, Jørgensen, N, Barratt, CLR, Fernández, MF, Castilla, JA & Special Interest Group in Andrology of the European Society of Human Reproduction and Embryology 2013, 'Proposal of guidelines for the appraisal of SEMen QUALity studies (SEMQUA)' *Human Reproduction*, vol 28, nr. 1, s. 10-21. DOI: 10.1093/humrep/des355
209. Rud, CN, Daugaard, G, Rajpert-De Meyts, E, Skakkebaek, NE, Petersen, JH & Jørgensen, N 2013, 'Sperm Concentration, Testicular Volume and Age Predict Risk of Carcinoma In Situ in Contralateral Testis of Men with Testicular Germ Cell Cancer' *Journal of Urology*, vol 190, nr. 6, s. 2074-2080. DOI: 10.1016/j.juro.2013.06.023
210. Roth, MY, Lin, K, Bay, K, Amory, JK, Anawalt, BD, Matsumoto, AM, Marck, BT, Bremner, WJ & Page, ST 2013, 'Serum insulin-like factor 3 is highly correlated with intratesticular testosterone in normal men with acute, experimental gonadotropin deficiency stimulated with low-dose human chorionic gonadotropin: a randomized, controlled trial' *Studies in Fertility and Sterility*, vol 99, nr. 1, s. 132-9. DOI: 10.1016/j.fertnstert.2012.09.009
211. Riis, A, Jensen, CE, Bro, F, Maindal, HT, Petersen, KD & Jensen, MB 2013, 'Enhanced implementation of low back pain guidelines in general practice: study protocol of a cluster randomised controlled trial' *Implement Success*, vol 8, s. 124. DOI: 10.1186/1748-5908-8-124
212. Rantakokko, P, Main, KM, Wohlfart-Veje, C, Kiviranta, H, Airaksinen, R, Vartiainen, T, Skakkebaek, NE, Toppaari, J & Virtanen, HE 2013, 'Association of placenta organotin concentrations with congenital cryptorchidism and reproductive hormone levels in 280 newborn boys from Denmark and Finland' *Human Reproduction*, vol 28, nr. 6, s. 1647-60. DOI: 10.1093/humrep/det040
213. Rajpert-De Meyts, E 2013, 'Testis: Spermatocytic seminoma' *Atlas of Genetics and Cytogenetics in Oncology and Haematology*, vol 17, doi:10.4267/2042/50197.
214. Perheentupa, A, Mäkinen, J, Laatikainen, T, Vierula, M, Skakkebaek, NE, Andersson, A-M & Toppaari, J 2013, 'A cohort effect on serum testosterone levels in Finnish men' *European Journal of Endocrinology*, vol 168, nr. 2, s. 227-33. DOI: 10.1530/EJE-12-0288
215. Nielsen, J, Jensen, RB & Juul, A 2013, 'Increased sex hormone-binding globulin levels in children and adolescents with thyrotoxicosis' *Hormone Research in Paediatrics*, vol 79, s. 157-61. DOI: 10.1159/000348837
216. Munch-Andersen, T, Sorensen, K, Andersen, LB, Aachmann-Andersen, NJ, Aksglaede, L, Juul, A & Helge, JW 2013, 'Adverse metabolic risk profiles in Greenlandic Inuit children compared to Danish children' *Obesity (Silver Spring, Md.)*, vol 21, nr. 6, s. 1226-31. DOI: 10.1002/oby.20203
217. Munch-Andersen, T, Sorensen, K, Aachmann-Andersen, NJ, Aksglaede, L, Juul, A & Helge, JW 2013, 'Ethnic differences in leptin and adiponectin levels between Greenlandic Inuit and Danish children' *International Journal of Circumpolar Health*, s. 72. DOI: 10.3402/ijch.v72i0.21458

218. Mouritsen, A, Hagen, CP, Sørensen, K, Aksglæde, L, Mieritz, MG, Main, KM, Almstrup, K, Rajpert-De Meyts, E & Juul, A 2013, 'Androgen Receptor CAG Repeat Length Is Associated With Body Fat and Serum SHBG in Boys: A Prospective Cohort Study' *Journal of Clinical Endocrinology and Metabolism*, vol 98, nr. 3, s. E605-9. DOI: 10.1210/jc.2012-3778
219. Mouritsen, A, Aksglæde, L, Sørensen, K, Hagen, CP, Petersen, JH, Main, KM & Juul, A 2013, 'The pubertal transition in 179 healthy Danish children: associations between pubarche, adrenarche, gonadarche, and body composition' *European Journal of Endocrinology*, vol 168, nr. 2, s. 129-36. DOI: 10.1530/EJE-12-0191
220. Mouritsen, A, Frederiksen, H, Sørensen, K, Aksglæde, L, Hagen, C, Skakkebaek, NE, Main, KM, Andersson, AM & Juul, A 2013, 'Urinary phthalates from 168 girls and boys measured twice a year during a 5-year period: associations with adrenal androgen levels and puberty' *Journal of Clinical Endocrinology and Metabolism*, vol 98, nr. 9, s. 3755-64. DOI: 10.1210/jc.2013-1284
221. Molgaard-Hansen, L, Skou, A-S, Juul, A, Glosli, H, Jahnukainen, K, Jarfelt, M, Jónmundsson, GK, Malmros, J, Nysom, K, Hasle, H & Nordic Society of Pediatric Hematology and Oncology (NOPHO) 2013, 'Pubertal development and fertility in survivors of childhood acute myeloid leukemia treated with chemotherapy only: A NOPHO-AML study' *Pediatric Blood & Cancer*, vol 60, nr. 12, s. 1988-95. DOI: 10.1002/pbc.24715
222. Mendiola, J, Jørgensen, N, Mínguez-Alarcón, L, Sarabia-Cos, L, López-Espín, JJ, Vivero-Salmerón, G, Ruiz-Ruiz, KJ, Fernández, MF, Olea, N, Swan, SH & Torres-Cantero, AM 2013, 'Sperm counts may have declined in young university students in Southern Spain' *Andrology Update*, vol 1, nr. 3, s. 408-13. DOI: 10.1111/j.2047-2927.2012.00058.x
223. Lottrup, G, Jørgensen, A, Nielsen, JE, Jørgensen, N, Dunø, M, Vinggaard, AM, Skakkebaek, NE & Rajpert-De Meyts, E 2013, 'Identification of a novel androgen receptor mutation in a family with multiple components compatible with the testicular dysgenesis syndrome' *Journal of Clinical Endocrinology and Metabolism*, vol 98, nr. 6, s. 2223-9. DOI: 10.1210/jc.2013-1278
224. Lindhardt Johansen, M, Hagen, CP, Johannsen, TH, Main, KM, Picard, J-Y, Jørgensen, A, Rajpert-De Meyts, E & Juul, A 2013, 'Anti-Müllerian Hormone and Its Clinical Use in Pediatrics with Special Emphasis on Disorders of Sex Development' *International Journal of Endocrinology*, vol 2013, s. 198698. DOI: 10.1155/2013/198698
225. Lassen, TH, Frederiksen, H, Jensen, TK, Petersen, JH, Main, KM, Skakkebaek, NE, Jørgensen, N, Kranich, SK & Andersson, A-M 2013, 'Temporal variability in urinary excretion of bisphenol A and seven other phenols in spot, morning, and 24-h urine samples' *Environmental Research*, vol 126, s. 164-70. DOI: 10.1016/j.envres.2013.07.001
226. Kristensen, DG, Skakkebaek, NE, Rajpert-De Meyts, E & Almstrup, K 2013, 'Epigenetic features of testicular germ cell tumours in relation to epigenetic characteristics of foetal germ cells' *International Journal of Developmental Biology*, vol 57, nr. 2-4, s. 309-17. DOI: 10.1387/ijdb.130142ka
227. Kraggerud, SM, Høei-Hansen, CE, Alagaratnam, S, Skotheim, RI, Abeler, VM, Rajpert-De Meyts, E & Lothe, RA 2013, 'Molecular characteristics of malignant ovarian germ cell tumors and comparison with testicular counterparts: implications for pathogenesis' *Endocrine Reviews*, vol 34, nr. 3, s. 339-76. DOI: 10.1210/er.2012-1045
228. Jørgensen, A, Nielsen, JE, Almstrup, K, Toft, BG, Petersen, BL & Rajpert-De Meyts, E 2013, 'Dysregulation of the mitosis-meiosis switch in testicular carcinoma in situ' *Journal of Pathology*, vol 229, nr. 4, s. 588-98. DOI: 10.1002/path.4154
229. Jørgensen, A, Blomberg Jensen, M, Nielsen, JE, Juul, A & Rajpert-De Meyts, E 2013, 'Influence of vitamin D on cisplatin sensitivity in testicular germ cell cancer-derived cell lines and in a NTera2 xenograft model' *Journal of Steroid Biochemistry and Molecular Biology*, vol 136, s. 238-246. DOI: 10.1016/j.jsbmb.2012.10.008
230. Joensen, UN, Veyrand, B, Antignac, J-P, Blomberg Jensen, M, Petersen, JH, Marchand, P, Skakkebaek, NE, Andersson, A-M, Le Bizec, B & Jørgensen, N 2013, 'PFOS (perfluorooctanesulfonate) in serum is negatively associated with testosterone levels, but not with semen quality, in healthy men' *Human Reproduction*, vol 28, nr. 3, s. 599-608. DOI: 10.1093/humrep/des425
231. Jensen, TK, Andersson, A-M, Skakkebaek, NE, Joensen, UN, Jensen, MB, Lassen, TH, Nordkap, L, Olesen, IA, Hansen, ÅM, Rod, NH & Jørgensen, N 2013, 'Association of sleep disturbances with reduced semen quality: a cross-sectional study among 953 healthy young Danish men' *American Journal of Epidemiology*, vol 177, nr. 10, s. 1027-37. DOI: 10.1093/aje/kws420

232. Jensen, RB, Thankamony, A, O'Connell, SM, Salgin, B, Kirk, J, Donaldson, M, Ivarsson, S-A, Söder, O, Roche, E, Hoey, H, Dunger, DB, Holm, K, NESGAS Group & Juul, A 2013, 'Baseline IGF-I Levels Determine Insulin Secretion and Insulin Sensitivity during the First Year on Growth Hormone Therapy in Children Born Small for Gestational Age. Results from a North European Multicentre Study (NESGAS)' *Hormone Research in Paediatrics*, vol 80, nr. 1, s. 38-46. DOI: 10.1159/000353438
233. Jensen, TK, Heitmann, BL, Jensen, MB, Halldorsson, TI, Andersson, A-M, Skakkebaek, NE, Joensen, UN, Lauritsen, MP, Christiansen, P, Dalgård, C, Lassen, TH & Jørgensen, N 2013, 'High dietary intake of saturated fat is associated with reduced semen quality among 701 young Danish men from the general population' *American Journal of Clinical Nutrition*, vol 97, nr. 2, s. 411-8. DOI: 10.3945/ajcn.112.042432
234. Iwamoto, T, Nozawa, S, Mieno, MN, Yamakawa, K, Baba, K, Yoshiike, M, Namiki, M, Koh, E, Kanaya, J, Okuyama, A, Matsumiya, K, Tsujimura, A, Kanetake, H, Eguchi, J, Skakkebaek, NE, Vierula, M, Toppari, J & Jørgensen, N 2013, 'Semen quality of 1559 young men from four cities in Japan: a cross-sectional population-based study' *B M J Open*, vol 3, nr. 4, s. e002222. DOI: 10.1136/bmjopen-2012-002222
235. Iwamoto, T, Nozawa, S, Yoshiike, M, Namiki, M, Koh, E, Kanaya, J, Okuyama, A, Matsumiya, K, Tsujimura, A, Komatsu, K, Tsukamoto, T, Itoh, N, Mieno, MN, Vierula, M, Toppari, J, Skakkebaek, NE & Jørgensen, N 2013, 'Semen quality of fertile Japanese men: a cross-sectional population-based study of 792 men' *B M J Open*, vol 3, nr. 1, s. e002223. DOI: 10.1136/bmjopen-2012-002223
236. Hvarnæs, T, Nielsen, JE, Almstrup, K, Skakkebaek, NE, Rajpert-De Meyts, E & Claesson, MH 2013, 'Phenotypic characterisation of immune cell infiltrates in testicular germ cell neoplasia' *Journal of Reproductive Immunology*, vol 100, nr. 2, s. 135-45. DOI: 10.1016/j.jri.2013.10.005
237. Hilsted, L, Rustad, P, Aksglæde, L, Sørensen, K & Juul, A 2013, 'Recommended Nordic paediatric reference intervals for 21 common biochemical properties' *Scandinavian Journal of Clinical & Laboratory Investigation*, vol 73, nr. 1, s. 1-9. DOI: 10.3109/00365513.2012.721519
238. Halling, J, Petersen, MS, Jørgensen, N, Jensen, TK, Grandjean, P & Weihe, P 2013, 'Semen quality and reproductive hormones in Faroese men: a cross-sectional population-based study of 481 men' *B M J Open*, vol 3, nr. 3, s. e001946. DOI: 10.1136/bmjopen-2012-001946
239. Hagen, CP, Aksglæde, L, Sørensen, K, Mouritsen, A, Mieritz, MG, Main, KM, Petersen, JH, Almstrup, K, Rajpert-De Meyts, E, Anderson, RA & Juul, A 2013, 'FSHB-211 and FSHR 2039 are associated with serum levels of follicle-stimulating hormone and antimüllerian hormone in healthy girls: a longitudinal cohort study' *Fertility and Sterility*, vol 100, nr. 4, s. 1089-1095. DOI: 10.1016/j.fertnstert.2013.06.026
240. Giannoulitou, E, McVean, G, Taylor, IB, McGowan, SJ, Maher, GJ, Iqbal, Z, Pfeifer, SP, Turner, I, Burditt Wright, EMM, Shorto, J, Itani, A, Turner, K, Gregory, L, Buck, D, Rajpert-De Meyts, E, Looijenga, LHJ, Kerr, B, Wilkie, AOM & Goriely, A 2013, 'Contributions of intrinsic mutation rate and selfish selection to levels of de novo HRAS mutations in the paternal germline' *Proceedings of the National Academy of Sciences of the United States of America*, vol 110, nr. 50, s. 20152-7. DOI: 10.1073/pnas.1311381110
241. Frederiksen, H, Aksglæde, L, Sørensen, K, Nielsen, O, Main, KM, Skakkebaek, NE, Juul, A & Andersson, A-M 2013, 'Bisphenol A and other phenols in urine from Danish children and adolescents analyzed by isotope diluted TurboFlow-LC-MS/MS' *International Journal of Hygiene and Environmental Health*, vol 216, s. 710-720. DOI: 10.1016/j.ijheh.2013.01.007
242. Frederiksen, H, Kranich, SK, Jørgensen, N, Taboureau, O, Petersen, JH & Andersson, A-M 2013, 'Temporal variability in urinary phthalate metabolite excretion based on spot, morning, and 24-h urine samples: considerations for epidemiological studies' *Environmental Science & Technology (Washington)*, vol 47, nr. 2, s. 958-67. DOI: 10.1021/es303640b
243. Frederiksen, H, Nielsen, JKS, Mørck, TA, Hansen, PW, Jensen, JF, Nielsen, O, Andersson, A-M & Knudsen, LE 2013, 'Urinary excretion of phthalate metabolites, phenols and parabens in rural and urban Danish mother-child pairs' *International Journal of Hygiene and Environmental Health*, vol 216, s. 772-783. DOI: 10.1016/j.ijheh.2013.02.006
244. Ewen, KA, Olesen, IA, Winge, SB, Nielsen, AR, Nielsen, JE, Graem, N, Juul, A & Rajpert-De Meyts, E 2013, 'Expression of FGFR3 during human testis development and in germ cell-derived tumours of young adults' *International Journal of Developmental Biology*, vol 57, nr. 2-4, s. 141-51. DOI: 10.1387/ijdb.130022er

245. Egeberg, DL, Kjaerulff, S, Hansen, C, Petersen, JH, Glensbjerg, M, Skakkebaek, NE, Jørgensen, N & Almstrup, K 2013, 'Image cytometer method for automated assessment of human spermatozoa concentration' *Andrology*, vol 1, nr. 4, s. 615-23. DOI: 10.1111/j.2047-2927.2013.00082.x
246. Edsgård, D, Dalgaard, MD, Weinhold, N, Wesolowska-Andersen, A, Rajpert-De Meyts, E, Ottesen, A-M, Juul, A, Skakkebaek, NE, Skøt Jensen, T, Gupta, R, Leffers, H & Brunak, S 2013, 'Genome-wide assessment of the association of rare and common copy number variations to testicular germ cell cancer' *Frontiers in Endocrinology*, vol 4, s. 2. DOI: 10.3389/fendo.2013.00002
247. Christensen, JS, Asklund, C, Skakkebaek, NE, Jørgensen, N, Andersen, HR, Jørgensen, TM, Olsen, LH, Høyer, AP, Moesgaard, J, Thorup, J & Jensen, TK 2013, 'Association between Organic Dietary Choice during Pregnancy and Hypospadias in Offspring: A Study of Mothers of 306 Boys Operated on for Hypospadias' *The Journal of urology*, vol 189, nr. 3, s. 1077-1082. DOI: 10.1016/j.juro.2012.09.116
248. Brokken, LJS, Lundberg-Giwerzman, Y, Rajpert-De Meyts, E, Eberhard, J, Ståhl, O, Cohn-Cedermark, G, Daugaard, G, Arver, S & Giwerzman, A 2013, 'Association between polymorphisms in the aryl hydrocarbon receptor repressor gene and disseminated testicular germ cell cancer' *Frontiers in Endocrinology*, vol 4, s. 4. DOI: 10.3389/fendo.2013.00004
249. Blomberg Jensen, M, Lieben, L, Nielsen, JE, Willems, A, Jørgensen, A, Juul, A, Toppari, J, Carmeliet, G & Rajpert-De Meyts, E 2013, 'Characterization of the testicular, epididymal and endocrine phenotypes in the Leuven Vdr-deficient mouse model: targeting estrogen signalling' *Molecular and cellular endocrinology*, vol 377, nr. 1-2, s. 93-102. DOI: 10.1016/j.mce.2013.06.036
250. Beyer, J, Albers, PH, Altena, R, Aparicio, J, Bokemeyer, C, Busch, J, Cathomas, R, Cavallin-Stahl, E, Clarke, N, Claßen, J, Cohn-Cedermark, G, Dahl, AA, Daugaard, G, De Giorgi, U, De Santis, M, De Wit, M, De Wit, R, Dieckmann, KP, Fenner, M, Fizazi, K, Flechon, A, Fossa, SD, Germá Lluch, JR, Gietema, JA, Gillessen, S, Giwerzman, A, Hartmann, JT, Heidenreich, A, Hentrich, M, Honecker, F, Horwich, A, Huddart, RA, Kliesch, S, Kollmannsberger, C, Krege, S, Laguna, MP, Looijenga, LHJ, Lorch, A, Lotz, JP, Mayer, F, Necchi, A, Nicolai, N, Nuver, J, Oechsle, K, Oldenburg, J, Oosterhuis, JW, Powles, T, Rajpert-De Meyts, E, Rick, O, Rosti, G, Salvioni, R, Schrader, M, Schwyer, S, Sedlmayer, F, Sohaib, A, Souchon, R, Tandstad, T, Winter, C & Wittekind, C 2013, 'Maintaining success, reducing treatment burden, focusing on survivorship: highlights from the third European consensus conference on diagnosis and treatment of germ-cell cancer' *Annals of Oncology*, vol 24, nr. 4, s. 878-88. DOI: 10.1093/annonc/mds579
251. Bergman, Å, Andersson, A-M, Becher, G, van den Berg, M, Blumberg, B, Bjerregaard, P, Bornehag, C-G, Bornman, R, Brandt, I, Brian, JV, Casey, SC, Fowler, PA, Frouin, H, Giudice, LC, Iguchi, T, Hass, U, Jobling, S, Juul, A, Kidd, KA, Kortenkamp, A, Lind, M, Martin, OV, Muir, D, Ochieng, R, Olea, N, Norrgren, L, Ropstad, E, Ross, PS, Rudén, C, Scheringer, M, Skakkebaek, NE, Söder, O, Sonnenschein, C, Soto, A, Swan, S, Toppari, J, Tyler, CR, Vandenberg, LN, Vinggaard, AM, Wiberg, K & Zoeller, RT 2013, 'Science and policy on endocrine disruptors must not be mixed: a reply to a "common sense" intervention by toxicology journal editors' *Environmental Health: A Global Access Science Source*, vol 12, s. 69. DOI: 10.1186/1476-069X-12-69
252. Bergman, A, Heindel, JJ, Kasten, T, Kidd, KA, Jobling, S, Neira, M, Zoeller, RT, Becher, G, Bjerregaard, P, Bornman, R, Brandt, I, Kortenkamp, A, Muir, D, Drisse, M-NB, Ochieng, R, Skakkebaek, NE, Byléhn, AS, Iguchi, T, Toppari, J & Woodruff, TJ 2013, 'The impact of endocrine disruption: a consensus statement on the state of the science' *Environmental Health Perspectives*, vol 121, nr. 4, s. A104-6. DOI: 10.1289/ehp.1205448
253. Bentzen, JG, Forman, JL, Johannsen, TH, Pinborg, A, Larsen, EC & Andersen, AN 2013, 'Ovarian antral follicle subclasses and anti-müllerian hormone during normal reproductive aging' *Journal of Clinical Endocrinology and Metabolism*, vol 98, nr. 4, s. 1602-11. DOI: 10.1210/jc.2012-1829
254. Belling, KC, Tanaka, M, Dalgaard, MD, Nielsen, JE, Nielsen, HB, Brunak, S, Almstrup, K & Leffers, H 2013, 'Transcriptome profiling of mice testes following low dose irradiation' *Reproductive Biology and Endocrinology*, vol 11, nr. 1, s. 50. DOI: 10.1186/1477-7827-11-50
255. Bay, K, Bjerrum, OW, Olsson-Strömberg, U, Porkka, K, Dufva, IH & Andersson, A-M 2013, 'Reproductive hormone profiles during imatinib therapy in men with chronic myeloid leukemia' *Andrology-Open Access*, vol 2, nr. 1, s. 1-6.

256. Bang, AK, Jørgensen, N, Rajpert-De Meyts, E & Juul, A 2013, 'UGT2B17 Genotype and the Pharmacokinetic Serum Profile of Testosterone during Substitution Therapy with Testosterone Undecanoate. A Retrospective Experience from 207 Men with Hypogonadism' *Frontiers in Endocrinology*, vol 4, s. 94. DOI: 10.3389/fendo.2013.00094
257. Andreassen, M, Frystyk, J, Faber, J, Kristensen, LØ & Juul, A 2013, 'Growth hormone (GH) activity is associated with increased serum oestradiol and reduced Anti-Müllerian Hormone in healthy male volunteers treated with GH and a GH antagonist' *Andrology*, vol 1, nr. 4, s. 595-601. DOI: 10.1111/j.2047-2927.2013.00096.x
258. Andersen, PS, Petersen, BL, Juul, A & Andersen, M 2013, 'Prepubertal unilateral gynecomastia and the presence of 47,XXY mosaicism in breast epithelial cells: a case report' *Journal of pediatric surgery*, vol 48, nr. 2, s. e21-3. DOI: 10.1016/j.jpedsurg.2012.11.051
259. Aksglaede, L, Link, K, Giwercman, A, Jørgensen, N, Skakkebaek, NE & Juul, A 2013, '47,XXY Klinefelter syndrome: clinical characteristics and age-specific recommendations for medical management' *American Journal of Medical Genetics. Part C: Seminars in Medical Genetics*, vol 163, nr. 1, s. 55-63. DOI: 10.1002/ajmg.c.31349
260. Afeiche, M, Williams, PL, Mendiola, J, Gaskins, AJ, Jørgensen, N, Swan, SH & Chavarro, JE 2013, 'Dairy food intake in relation to semen quality and reproductive hormone levels among physically active young men' *Human Reproduction*, vol 28, nr. 8, s. 2265-75. DOI: 10.1093/humrep/det133
261. Abildgaard, J, Pedersen, AT, Green, CJ, Majlund Harder-Lauridsen, N, Solomon, TP, Thomsen, C, Juul, A, Pedersen, M, Pedersen, JT, Mortensen, OH, Pilegaard, H, Pedersen, BK & Lindegaard, B 2013, 'Menopause is associated with decreased whole body fat oxidation during exercise' *American Journal of Physiology: Endocrinology and Metabolism*, vol 304, nr. 11, s. E1227-36. DOI: 10.1152/ajpendo.00492.2012

2012

262. Andersson, A-M, Bay, K, Grigor, KM, Meyts, ER-D & Skakkebaek, NE 2012, 'Special issue on the impact of endocrine disruptors on reproductive health' *International Journal of Andrology*, vol 35, nr. 3, s. 215. DOI: 10.1111/j.1365-2605.2012.01274.x
263. Toppari, J, Adamsson, A, Boas, M, Juul, A, Main, KM, Skakkebaek, NE & Virtanen, HE 2012, Possible developmental early effects of endocrine disruptors on child health. i *WHO report 2012*. s. 1-83.
264. Rajpert-De Meyts, E, Almstrup, K & Skakkebaek, NE 2012, Testicular Dysgenesis Syndrome and Carcinoma In Situ Testis. i D Jezek (red.), *Atlas on the Human Testis*. Springer Science+Business Media B.V., s. 159-178. DOI: 10.1007/978-1-4471-2763-5
265. Rajpert-De Meyts, E, Almstrup, K & Skakkebaek, NE 2012, The testis in childhood between birth and puberty. i *Atlas on the Human Testis: Normal Morphology and Pathology*. Springer Science+Business Media B.V., s. 69-75. DOI: 10.1007/978-1-14471-2763-5
266. Juul, A, Hagen, CP, Aksglaede, L, Sørensen, K, Mouritsen, A, Frederiksen, H, Main, KM, Mogensen, SS & Pedersen, AT 2012, Endocrine evaluation of reproductive function in girls during infancy, childhood and adolescence. i *Pediatric and Adolescent Gynecology*. vol. 22, s. 24-39. Endocrine Development, DOI: 10.1159/000326625
267. Bourguignon, J-P & Juul, A 2012, Normal female puberty in a developmental perspective. i *Pediatric and Adolescent Gynecology*. vol. 22, s. 11-23. Endocrine Development, DOI: 10.1159/000326624
268. Almstrup, K, Rajpert-De Meyts, E & Skakkebaek, NE 2012, Perinatal origin of testicular germ cell cancer: Possible involvement of developmental reprogramming. i A Plagemann (red.), *Perinatal Programming: The State of the Art*. Walter de Gruyter, s. 219-228.
269. Tinggaard, J, Mieritz, MG, Sørensen, K, Mouritsen, A, Hagen, CP, Aksglaede, L, Veje, CW & Juul, A 2012, 'The physiology and timing of male puberty' *Current Opinion in Endocrinology, Diabetes and Obesity*, vol 19, nr. 3, s. 197-203. DOI: 10.1097/MED.0b013e3283535614
270. Sørensen, K, Mouritsen, A, Aksglaede, L, Hagen, CP, Mogensen, SS & Juul, A 2012, 'Recent secular trends in pubertal timing: implications for evaluation and diagnosis of precocious puberty' *Hormone Research in Paediatrics*, vol 77, nr. 3, s. 137-45. DOI: 10.1159/000336325

271. Zoeller, RT, Brown, TR, Doan, LL, Gore, AC, Skakkebaek, NE, Soto, AM, Woodruff, TJ & Vom Saal, FS 2012, 'Endocrine-disrupting chemicals and public health protection: a statement of principles from The Endocrine Society' *Endocrinology*, vol 153, nr. 9, s. 4097-110. DOI: 10.1210/en.2012-1422
272. Virtanen, HE, Koskenniemi, JJ, Sundqvist, E, Main, KM, Kiviranta, H, Tuomisto, JT, Tuomisto, J, Viluksela, M, Vartiainen, T, Skakkebaek, NE & Toppari, J 2012, 'Associations between congenital cryptorchidism in newborn boys and levels of dioxins and PCBs in placenta' *International Journal of Andrology*, vol 35, nr. 3, s. 283-93. DOI: 10.1111/j.1365-2605.2011.01233.x
273. Vestergaard, S, Nielsen, FR, Andersson, A-M, Hjølund, NH, Grandjean, P, Andersen, HR & Jensen, TK 2012, 'Association between perfluorinated compounds and time to pregnancy in a prospective cohort of Danish couples attempting to conceive' *Human Reproduction*, vol 27, nr. 3, s. 873-80. DOI: 10.1093/humrep/der450
274. Veje, CW, Andersen, HR, Schmidt, IM, Aksglaede, L, Sørensen, K, Juul, A, Jensen, TK, Grandjean, P, Skakkebaek, NE & Main, KM 2012, 'Early breast development in girls after prenatal exposure to non-persistent pesticides' *International Journal of Andrology*, vol 35, nr. 3, s. 273-82. DOI: 10.1111/j.1365-2605.2011.01244.x
275. Veje, CW, Andersen, HR, Jensen, TK, Grandjean, P, Skakkebaek, NE & Main, KM 2012, 'Smaller genitals at school age in boys whose mothers were exposed to non-persistent pesticides in early pregnancy' *International Journal of Andrology*, vol 35, nr. 3, s. 265-72. DOI: 10.1111/j.1365-2605.2012.01252.x
276. Tüttelmann, F, De Gendt, K, Amaral, A, giachini, C, Welsh, M, Jensen, MB, Nurmio, M, Wahlgren, A & Stukenborg, JB 2012, 'The future of testis research is turning 6! Six years of international network for young researchers in male fertility' *International Journal of Andrology*, vol 35, nr. 2, s. 211-3. DOI: 10.1111/j.1365-2605.2012.01251.x
277. Sørensen, K, Aksglaede, L, Petersen, JH, Andersson, A-M & Juul, A 2012, 'Serum IGF1 and insulin levels in girls with normal and precocious puberty' *European Journal of Endocrinology*, vol 166, nr. 5, s. 903-10. DOI: 10.1530/EJE-12-0106
278. Søbørg, T, Frederiksen, H & Andersson, A-M 2012, 'Cumulative risk assessment of phthalate exposure of Danish children and adolescents using the hazard index approach' *International Journal of Andrology*, vol 35, s. 245-252. DOI: 10.1111/j.1365-2605.2011.01240.x
279. Rajpert-De Meyts, E, Eliasson, R, Comhaire, FH, Skakkebaek, NE, Sharpe, RM & Toppari, J 2012, 'Goodbye International Journal of Andrology, welcome Andrology!' *International Journal of Andrology*, vol 36, nr. 6, s. 769-774. DOI: 10.1111/j.1365-2605.2012.01304.x
280. Priskorn, L, Holmboe, S, Jørgensen, N, Andersson, A-M, Almstrup, K, Toppari, J & Skakkebaek, NE 2012, 'Adverse trends in male reproductive health and decreasing fertility rates' *Animal Reproduction Science*, s. 760-771.
281. Priskorn, L, Holmboe, S, Jacobsen, R, Jensen, TK, Lassen, TH & Skakkebaek, NE 2012, 'Increasing trends in childlessness in recent birth cohorts - a registry-based study of the total Danish male population born from 1945 to 1980' *International Journal of Andrology*, vol 35, nr. 3, s. 449-55. DOI: 10.1111/j.1365-2605.2012.01265.x
282. Nørgaard, P, Hagen, CP, Hove, H, Dunø, M, Nissen, KR, Kreiborg, S & Jørgensen, FS 2012, 'Crouzon syndrome associated with acanthosis nigricans: prenatal 2D and 3D ultrasound findings and postnatal 3D CT findings' *Acta Radiologica Short Reports*, vol 1, nr. 4. DOI: 10.1258/arsr.2012.110017
283. Novotny, GW, Belling, KC, Bramsen, JB, Nielsen, JE, Bork-Jensen, J, Almstrup, K, Sonne, SB, Kjems, J, Rajpert-De Meyts, E & Leffers, H 2012, 'MicroRNA expression profiling of carcinoma in situ (CIS) cells of the testis' *Endocrine - Related Cancer*, vol 19, nr. 3, s. 365-79. DOI: 10.1530/ERC-11-0271
284. Nordkap, L, Carlsen, E, Fedder, J & Jørgensen, N 2012, 'Mandlig infertilitet' *Ugeskrift for læger*, vol 174, nr. 41, s. 2444-8.
285. Nordkap, L, Joensen, UN, Blomberg Jensen, M & Jørgensen, N 2012, 'Regional differences and temporal trends in male reproductive health disorders: semen quality may be a sensitive marker of environmental exposures' *Molecular and Cellular Endocrinology*, vol 355, nr. 2, s. 221-30. DOI: 10.1016/j.mce.2011.05.048

286. Nielsen, JE, Kristensen, DM, Almstrup, K, Jørgensen, A, Olesen, IA, Jacobsen, G, Horn, T, Skakkebaek, NE, Leffers, H & Rajpert-De Meyts, E 2012, 'A novel double staining strategy for improved detection of testicular carcinoma in situ cells in human semen samples' *Andrologia*, s. 78-85. DOI: 10.1111/j.1439-0272.2010.01108.x
287. Nielsen, LB, Wang, C, Sørensen, K, Bang-Berthelsen, CH, Hansen, L, Andersen, MLM, Hougaard, P, Juul, A, Zhang, C-Y, Pociot, F & Mortensen, HB 2012, 'Circulating levels of microRNA from children with newly diagnosed type 1 diabetes and healthy controls: evidence that miR-25 associates to residual beta-cell function and glycaemic control during disease progression' *Experimental Diabetes Research*, vol 2012, s. 896362. DOI: 10.1155/2012/896362
288. Mogensen, SS, Aksglaede, L, Mouritsen, A, Sørensen, K, Main, KM, Gideon, P & Juul, A 2012, 'Pathological and incidental findings on brain MRI in a single-center study of 229 consecutive girls with early or precocious puberty' *P L o S One*, vol 7, nr. 1, s. e29829. DOI: 10.1371/journal.pone.0029829
289. Min, JL, Nicholson, G, Halgrimsdottir, I, Almstrup, K, Petri, A, Barrett, A, Travers, M, Rayner, NW, Mägi, R, Pettersson, FH, Broxholme, J, Neville, MJ, Wills, QF, Cheeseman, J, Allen, M, Holmes, CC, Spector, TD, Fleckner, J, McCarthy, MI, Karpe, F, Lindgren, CM, Zondervan, KT & GIANT Consortium 2012, 'Coexpression network analysis in abdominal and gluteal adipose tissue reveals regulatory genetic loci for metabolic syndrome and related phenotypes' *P L o S Genetics*, vol 8, nr. 2, s. e1002505. DOI: 10.1371/journal.pgen.1002505
290. Mieritz, MG, Frederiksen, H, Sørensen, K, Aksglaede, L, Mouritsen, A, Hagen, CP, Skakkebaek, NE, Andersson, A-M & Juul, A 2012, 'Urinary phthalate excretion in 555 healthy Danish boys with and without pubertal gynaecomastia' *International Journal of Andrology*, vol 35, nr. 3, s. 227-35. DOI: 10.1111/j.1365-2605.2012.01279.x
291. Mendiola, J, Meeker, JD, Jørgensen, N, Andersson, A-M, Liu, F, Calafat, AM, Redmon, JB, Drobni, EZ, Sparks, AE, Wang, C, Hauser, R & Swan, SH 2012, 'Urinary concentrations of di(2-ethylhexyl) phthalate metabolites and serum reproductive hormones: pooled analysis of fertile and infertile men' *International Journal of Andrology*, vol 33, nr. 3, s. 488-98. DOI: 10.2164/jandrol.111.013557
292. Lindhardt Johansen, M, Hagen, CP, Rajpert-De Meyts, E, Kjærgaard, S, Petersen, BL, Skakkebaek, NE, Main, KM & Juul, A 2012, '45,X/46,XY mosaicism: phenotypic characteristics, growth, and reproductive function--a retrospective longitudinal study' *Journal of Clinical Endocrinology and Metabolism*, vol 97, nr. 8, s. E1540-9. DOI: 10.1210/jc.2012-1388
293. Lim, J, Maher, GJ, Turner, GDH, Dudka-Ruszkowska, W, Taylor, S, Meyts, ER-D, Goriely, A & Wilkie, AOM 2012, 'Selfish spermatogonial selection: evidence from an immunohistochemical screen in testes of elderly men' *P L o S One*, vol 7, nr. 8, s. e42382. DOI: 10.1371/journal.pone.0042382
294. Lassen, TH, Sobotka, T, Jensen, TK, Jacobsen, RS, Erb, K & Skakkebaek, NE 2012, 'Trends in rates of natural conceptions among Danish women born during 1960-1984' *Human Reproduction*, vol 27, nr. 9, s. 2815-22. DOI: 10.1093/humrep/des207
295. Krysiak-Baltyn, K, Toppari, J, Skakkebaek, NE, Jensen, TS, Virtanen, HE, Schramm, K-W, Shen, H, Vartiainen, T, Kiviranta, H, Taboureaux, O, Audouze, KML, Brunak, S & Main, KM 2012, 'Association between chemical pattern in breast milk and congenital cryptorchidism: modelling of complex human exposures' *International Journal of Andrology*, vol 35, nr. 3, s. 294-302. DOI: 10.1111/j.1365-2605.2012.01268.x
296. Kristensen, DG, Mlynarska, O, Nielsen, JE, Jacobsen, GK, Rajpert-De Meyts, E & Almstrup, K 2012, 'Heterogeneity of chromatin modifications in testicular spermatocytic seminoma point toward an epigenetically unstable phenotype' *Cancer genetics*, vol 205, nr. 9, s. 425-31. DOI: 10.1016/j.cancergen.2012.05.003
297. Krause, M, Klit, A, Jensen, MB, Sæborg, T, Frederiksen, H, Schlumpf, M, Lichtensteiger, W, Skakkebaek, NE & Drzewiecki, KT 2012, 'Sunscreens: are they beneficial for health? An overview of endocrine disrupting properties of UV-filters' *International Journal of Andrology*, vol 35, nr. 3, s. 424-36. DOI: 10.1111/j.1365-2605.2012.01280.x
298. Jørgensen, A, Nielsen, JE, Jensen, MB, Græm, N & Rajpert-De Meyts, E 2012, 'Analysis of meiosis regulators in human gonads: a sexually dimorphic spatio-temporal expression pattern suggests involvement of DMRT1 in meiotic entry' *Molecular Human Reproduction*, vol 18, nr. 11, s. 523-34. DOI: 10.1093/molehr/gas030

299. Jørgensen, N, Joensen, UN, Jensen, TK, Jensen, MB, Almstrup, K, Olesen, IA, Juul, A, Andersson, A-M, Carlsen, E, Petersen, JH, Toppari, J & Skakkebaek, NE 2012, 'Human semen quality in the new millennium: a prospective cross-sectional population-based study of 4867 men' *BMJ Open*, vol 2, nr. 4, s. e000990. DOI: 10.1136/bmjopen-2012-000990
300. Johannsen, TH, Søbørg, T, Frederiksen, H, Andersson, A-M & Juul, A 2012, 'androgenstatus: metode og klinisk anvendelse' *Klinisk Kemi i Norden*, vol 24, nr. 3, s. 10-17.
301. Joensen, UN, Frederiksen, H, Jensen, MB, Lauritsen, MP, Olesen, IA, Lassen, TH, Andersson, A-M & Jørgensen, N 2012, 'Phthalate excretion pattern and testicular function: a study of 881 healthy Danish men' *Environmental Health Perspectives*, vol 120, nr. 10, s. 1397-403. DOI: 10.1289/ehp.1205113
302. Jensen, MB 2012, 'Progesterone and CatSper dependency' *International Journal of Andrology*, vol 35, nr. 5, s. 631-632. DOI: 10.1111/j.1365-2605.2012.01294.x
303. Hellmann, P, Christiansen, P, Johannsen, TH, Main, KM, Duno, M & Juul, A 2012, 'Male patients with partial androgen insensitivity syndrome: a longitudinal follow-up of growth, reproductive hormones and the development of gynaecomastia' *Archives of Disease in Childhood*, vol 97, nr. 5, s. 403-9. DOI: 10.1136/archdischild-2011-300584
304. Hagen, CP, Aksglaede, L, Sørensen, K, Mouritsen, A, Andersson, A-M, Petersen, JH, Main, KM & Juul, A 2012, 'Individual serum levels of anti-Müllerian hormone in healthy girls persist through childhood and adolescence: a longitudinal cohort study' *Human Reproduction*, vol 27, nr. 3, s. 861-6. DOI: 10.1093/humrep/der435
305. Hagen, CP, Vestergaard, S, Juul, A, Skakkebaek, NE, Andersson, A-M, Main, KM, Hjølund, NH, Ernst, E, Bonde, JP, Anderson, RA & Jensen, TK 2012, 'Low concentration of circulating antimüllerian hormone is not predictive of reduced fecundability in young healthy women: a prospective cohort study' *Fertility and Sterility*, vol 98, nr. 6, s. 1602-8.e2. DOI: 10.1016/j.fertnstert.2012.08.008
306. Hagen, CP, Sørensen, K, Anderson, RA & Juul, A 2012, 'Serum levels of antimüllerian hormone in early maturing girls before, during, and after suppression with GnRH agonist' *Fertility and Sterility*, vol 98, nr. 5, s. 1326-30. DOI: 10.1016/j.fertnstert.2012.07.1118
307. Gueller, B, Sonne, SB, Zimmer, J, Hilscher, B, Hilscher, W, Græm, N, Rajpert-De Meyts, E & Vogt, PH 2012, 'AZFa protein DDX3Y is differentially expressed in human male germ cells during development and in testicular tumours: new evidence for phenotypic plasticity of germ cells' *Human Reproduction*, vol 27, nr. 6, s. 1547-1555. DOI: 10.1093/humrep/des047
308. Grandjean, P, Grønlund, C, Kjær, IM, Jensen, TK, Sørensen, N, Andersson, A-M, Juul, A, Skakkebaek, NE, Budtz-Jørgensen, E & Weihe, P 2012, 'Reproductive hormone profile and pubertal development in 14-year-old boys prenatally exposed to polychlorinated biphenyls' *Reproductive Toxicology*, vol 34, nr. 4, s. 498-503. DOI: 10.1016/j.reprotox.2012.07.005
309. Færch, L, Juul, A, Pedersen-Bjergaard, U & Thorsteinsson, B 2012, 'Association of IGF1 with glycemic control and occurrence of severe hypoglycemia in patients with type 1 diabetes mellitus' *Endocrine Connections*, vol 1, nr. 1, s. 31-6. DOI: 10.1530/EC-12-0012
310. Friedrich, N, Jørgensen, T, Juul, A, Spielhagen, C, Nauck, M, Wallaschofski, H & Linneberg, A 2012, 'Insulin-like growth factor I and anthropometric parameters in a Danish population' *Experimental and Clinical Endocrinology and Diabetes*, vol 120, nr. 3, s. 171-4. DOI: 10.1055/s-0031-1301289
311. Friedrich, N, Thuesen, B, Jørgensen, T, Juul, A, Spielhagen, C, Wallaschofski, H & Linneberg, A 2012, 'The Association Between IGF-I and Insulin Resistance: A general population study in Danish adults' *Diabetes Care*, vol 35, nr. 4, s. 768-773. DOI: 10.2337/dc11-1833
312. Frederiksen, H, Sørensen, K, Mouritsen, A, Aksglaede, L, Hagen, C, Petersen, JH, Skakkebaek, NE, Andersson, A-M & Juul, A 2012, 'High urinary phthalate concentration associated with delayed pubarche in girls' *International Journal of Andrology*, vol 35, s. 216-226. DOI: 10.1111/j.1365-2605.2012.01260.x
313. Fernandez, MF, Duran, I, Olea, N, Avivar, C, Vierula, M, Toppari, J, Skakkebaek, NE & Jørgensen, N 2012, 'Semen quality and reproductive hormone levels in men from Southern Spain' *International Journal of Andrology*, vol 35, s. 1-10. DOI: 10.1111/j.1365-2605.2010.01131.x
314. Eisenberg, ML, Jensen, TK, Walters, RC, Skakkebaek, NE & Lipshultz, LI 2012, 'The relationship between anogenital distance and reproductive hormone levels in adult men' *International Journal of Urology*, vol 187, nr. 2, s. 594-8. DOI: 10.1016/j.juro.2011.10.041

315. Dalgaard, MD, Weinhold, N, Edsgård, D, Silver, JD, Pers, TH, Nielsen, JE, Jørgensen, N, Juul, A, Gerds, TA, Giwercman, A, Giwercman, YL, Cohn-Cedermark, G, Virtanen, HE, Toppari, J, Daugaard, G, Jensen, TS, Brunak, S, Rajpert-De Meyts, E, Skakkebaek, NE, Leffers, H & Gupta, R 2012, 'A genome-wide association study of men with symptoms of testicular dysgenesis syndrome and its network biology interpretation' *Journal of Medical Genetics*, vol 49, nr. 1, s. 58-65. DOI: 10.1136/jmedgenet-2011-100174
316. Brokken, LJS, Lundberg-Giwercman, Y, Rajpert-De Meyts, E, Eberhard, J, Ståhl, O, Cohn-Cedermark, G, Daugaard, G, Arver, S & Giwercman, A 2012, 'Association of polymorphisms in genes encoding hormone receptors ESR1, ESR2 and LHCGR with the risk and clinical features of testicular germ cell cancer' *Molecular and Cellular Endocrinology*, vol 351, s. 279-285. DOI: 10.1016/j.mce.2011.12.018
317. Bonefeld, K, Hobolth, L, Juul, A & Møller, S 2012, 'The insulin like growth factor system in cirrhosis. Relation to changes in body composition following adrenoreceptor blockade' *Growth Hormone & IGF Research*, vol 22, nr. 6, s. 212-218. DOI: 10.1016/j.ghir.2012.09.001
318. Boas, M, Feldt-Rasmussen, U & Main, KM 2012, 'Thyroid effects of endocrine disrupting chemicals' *Molecular and Cellular Endocrinology*, vol 355, nr. 2, s. 240-8. DOI: 10.1016/j.mce.2011.09.005
319. Blomberg Jensen, M, Jørgensen, A, Nielsen, JE, Bjerrum, PJ, Skalkam, M, Petersen, JH, Egeberg, DL, Bangsbøll-Andersen, S, Andersen, AN, Skakkebaek, NE, Juul, A, Rajpert-De Meyts, E, Dissing, S, Leffers, H & Jørgensen, N 2012, 'Expression of the vitamin D metabolizing enzyme CYP24A1 at the annulus of human spermatozoa may serve as a novel marker of semen quality' *International Journal of Andrology*, vol 35, s. 499-510. DOI: 10.1111/j.1365-2605.2012.01256.x
320. Blomberg Jensen, M & Dissing, S 2012, 'Non-genomic effects of vitamin D in human spermatozoa' *Steroids*, vol 77, nr. 10, s. 903-9. DOI: 10.1016/j.steroids.2012.02.020
321. Blomberg Jensen, M, Jørgensen, A, Nielsen, JE, Steinmeyer, A, Leffers, H, Juul, A & Rajpert-De Meyts, E 2012, 'Vitamin D metabolism and effects on pluripotency genes and cell differentiation in testicular germ cell tumors in vitro and in vivo' *Neoplasia*, vol 14, nr. 10, s. 952-63.
322. Blomberg Jensen, M 2012, 'Vitamin D metabolism, sex hormones, and male reproductive function' *Reproduction*, vol 144, nr. 2, s. 135-52. DOI: 10.1530/REP-12-0064
323. Bentzen, JG, Forman, JL, Pinborg, A, Lidegaard, O, Larsen, EC, Friis-Hansen, L, Johannsen, TH & Andersen, AN 2012, 'Ovarian reserve parameters: a comparison between users and non-users of hormonal contraception' *Reproductive BioMedicine Online*, vol 25, nr. 6, s. 612-9. DOI: 10.1016/j.rbmo.2012.09.001
324. Andersen, HR, Veje, CW, Dalgård, C, Christiansen, LT, Main, KM, Nellemann, CL, Murata, K, Jensen, TK, Skakkebaek, NE & Grandjean, P 2012, 'Paraaxonase 1 polymorphism and prenatal pesticide exposure associated with adverse cardiovascular risk profiles at school age' *P L o S One*, vol 7, nr. 5, s. e36830. DOI: 10.1371/journal.pone.0036830
325. Amaral, A, Wahlgren, A, Tüttelmann, F, De Gendt, K, Blomberg Jensen, M, Nurmio, M, Welsh, M & Stukenborg, J-B 2012, 'Minutes of the 5th meeting of the International Network for Young Researchers in Male Fertility' *Asian Journal of Andrology*, vol 14, nr. 5, s. 796. DOI: 10.1038/aja.2012.99
326. Aksglaede, L, Garn, ID, Hollegaard, MV, Hougaard, DM, Rajpert-De Meyts, E & Juul, A 2012, 'Detection of increased gene copy number in DNA from dried blood spot samples allows efficient screening for Klinefelter syndrome' *Acta Paediatrica*, vol 101, nr. 12, s. e561-3. DOI: 10.1111/apa.12008