



EUROPEAN ACADEMY OF  
**ANDROLOGY**

**13<sup>th</sup> European Congress of**  
**ANDROLOGY**  
**ECA2024 STOCKHOLM**

4-6 September 2024 | Münchenbryggeriet, Stockholm

**EAA - ANDRONET Course for Andrologists** (12:45-15:40) - **Mälarsalen****What should the andrologist know in 2024?**

- 12:45-13:05 Coping with diminished sexual arousal **Emmanuele Jannini (Italy)**
- 13:05-13:25 Sperm epigenetics - essential insights for clinicians **Alberto de la Iglesia (Spain/France)**
- 13:25-13:45 Sperm recovery and ICSI outcomes in Klinefelter syndrome **Marij Dinkelman-Smit (The Netherlands)**
- 13:45-14:05 Fertility preservation in boys – from bench to bedside **Stefan Schlatt (Germany)**
- 14:05-14:25 Semen quality as a marker of health **Niels Jørgensen (Denmark)**
- 14:25-14:45 Male infertility: the role of prevention based on the etiology **Csilla Krausz (Italy)**
- 14:45-15:05 The burden of the aging male? **Aleksander Giwercman (Sweden)**
- 15:05-15:25 Hormonal male contraception – dead or alive? **Hermann M. Behre (Germany)**
- 15:25-16:00 Coffee break

**Opening ceremony** (16:00-17:45) - **Mälarsalen**

**Welcome: Jan-Bernd Stukenborg (LOC), Scientific Program Introduction: Francesco Lombardo, Zsolt Kopa & Ewa Rajpert-De Meyts (POC co-Chairs), EAA President's address: Hermann Behre**

- 16:35-17:05 **Opening lecture:** Egg-sperm recognition from mollusk to human **Luca Jovine (Sweden)**
- 17:05-17:15 **Andrology Award 2022 presentation:** Erectile and sexual dysfunction in male and female patients with celiac disease: A cross-sectional observational study. **Romano Lorenzo (Italy)**

**17:15-17:45 Golden Oral Communications:**

17:15-17:25

Clinical, seminal, hormonal and ultrasound andrological parameters predictive for pregnancy with a live birth

**Francesco Lotti (Italy)**

17:25-17:35

Sperm epigenetic clock: its relationship with semen parameters and couples' reproductive success

**J. Richard Pilsner (USA)**

17:35-17:45

Unravelling the mechanisms behind the development of testicular germ cell tumours

**Viola H. Lobert (Norway)**

19:00-21:00 Welcome Reception, Stockholm City Hall (Hantverkargatan 1, 111 52 Stockholm)

08:50-10:00 **Plenary session 1 - Mälarsalen**

08:50-09:20 EAA-ESE LECTURE: Decreasing male reproductive health: endocrine disrupters or something else?  
**Anna-Maria Andersson (Denmark)**

09:20-09:50 EAA-ESSM LECTURE: Do “new” antihyperglycemic drugs impact on diabetic sexual dysfunctions?  
**Giovanni Corona (Italy)**

10:00–10:30 Coffee break

## Mälarsalen

### Use and misuse of testosterone

10:30-10:50

Androgen treatment in older men and cardiovascular risk (Summary of TRAVERSE trials)

**Shalender Bhasin (USA)**

10:50-11:10

Effects of misuse of testosterone on male health

**Channa Jayasena (UK)**

Short oral presentation:

11:10-11:20

Secular trends of serum testosterone and LH levels in healthy men

**Daniele Santi (Italy)**

## Nobelterrassen

### NYRA Session on Biology of Male Reproduction

10:30-10:50

NYRA Young Investigator Award: Shedding light on the role of protamines in sperm packaging by gene editing

**Lena Arévalo (Spain)**

Short oral presentation:

10:50-11:00

Human germ cells undergo genome-wide DNA methylation reprogramming during spermatogenesis

**Sandra Laurentino (Germany)**

11:00-11:10

Age-associated alterations in the human sperm DNA methylome

**Yihan Wang (Germany)**

## Magasinet

### ESAU-EAA Symposium: New horizons in the treatment of erectile dysfunction

10:30-10:40

Extracorporeal shock wave technology for the alleviation of erectile dysfunction: An Update

**Jens Rassweiler (Austria)**

10:40-10:50

The potential impact of stem cells on male sexual health

**Andrea Salonia (Italy)**

10:50-11:00

Is platelet-rich plasma useful in the treatment of erectile dysfunction?

**Asif Muneer (UK)**

## Mälarsalen

### Use and misuse of testosterone

11:20-11:30

The increase of SHBG over time is associated with the development of androgen deficiency features independently of total testosterone: results from the European Male Ageing Study  
**Giulia Rastrelli (Italy)**

## Nobelterrassen

### NYRA Session on Biology of Male Reproduction

11:10-11:20

Cylicins are a structural component of the sperm calyx being indispensable for male fertility in mice and human  
**Andjela Kovacevic (Germany)**

11:20-11:30

The use of artificial neural networks in predicting sperm presence in testicular tissue  
**Ana Planinic (Croatia)**

11:30-11:40

Sperm telomere length and mitochondrial DNA copies: novel biomarkers of male infertility  
**Alberto Ferlin (Italy)**

## Magasinet

### ESAU-EAA Symposium: New horizons in the treatment of erectile dysfunction

11:00-11:10

A critical analysis of non-surgical treatment of Peyronie's disease  
**Thorsten Diemer (Germany)**

11:10-11:20

Penile prosthesis placement in ischemic priapism  
**David Ralph**

11:20-11:30

Efforts for penile transplantation  
**Ates Kadioglu (Turkey)**

11:30-11:40

Advances in the treatment of female sexual dysfunction  
**Athanasios Zachariou (Greece)**

12:00-13:30 **POSTER SESSION I** and Lunch - Catering area

## Mälarsalen

### SYMPOSIUM 06: Fertility preservation in young oncological patients

13:30-13:50

Who should be considered for testicular biopsy for fertility preservation?

**Kirsi Jahnukainen (Sweden)**

13:50-14:10

Gonadotoxic reagents and their mechanisms of action

**Michael Rimmer (UK)**

Short oral presentation:

14:10-14:20

Evaluation of spermatogonial cell populations in male childhood cancer patients

**Hajar Ba Omar (Sweden)**

14:20-14:30

Experience and andrological health follow-up of (pre)pubertal males who have undergone testicular tissue cryopreservation

**Nathalie Rives (France)**

14:30-14:40

Testicular endocrine and reproductive function and sexual health in haematological cancer survivors undergoing chemo-, radiotherapy and bone marrow transplantation: a single-centre, 15 year prospective longitudinal study

**Chiara Tarantino (Italy)**

## Nobelterrassen

### ANDRONET meeting

13:15-14:45

ANDRONET: European andrology network - research coordination, professional education and public awareness in Andrology (CA20119)

## Magasinet

### SYMPOSIUM 05: Sperm DNA fragmentation

13:30-13:50

Sperm DNA fragmentation as an indicative male fertility biomarker

**Jordi Ribas Maynou (Spain)**

13:50-14:10

Sperm DNA fragmentation and clinical outcomes

**J.C. Kirkman-Brown (UK)**

Short oral presentation:

14:10-14:20

Is sperm DNA fragmentation Index associated with markers of impaired insulin sensitivity? Data from ReproUnion Biobank and Infertility Cohort (RUBIC)

**Berk Hazir (Turkey)**

14:20-14:30

Pro-Contra Debate: Are we ready for introducing sperm DNA fragmentation tests in routine clinical work?

**Aleksander Giwercman, Marij Dinkelman-Smit**

15:05-15:40 **Plenary Session 2 - Mälarsalen**

15:05-15:35 EAA-ASA LECTURE: Rhythms in testosterone, sleep and life – impacts on health

**Peter Y. Liu (USA)**

15:40-16:10 Coffee break

## Mälarsalen

**Genetics of male germ cells - implications beyond the testes**

16:10-16:30

Mutational landscape and clonal dynamics in male germline cells

**Raheleh Rahbari (UK)**

16:30-16:50

Ancient molecular origins of male infertility

**Paolo Navarro-Costa (Portugal)**

16:50-17:10

Morphological sperm abnormalities: genetic and clinical aspects

**Pierre F. Ray (France)**

## Nobelterrassen

**Transgender and gender diverse persons**

16:10-16:30

The SOC 8 - What's new compared to the previous version?

**Alessandra Fisher (Italy)**

16:30-16:50

Sperm cryopreservation in transgender and gender diverse people AMAB

**Bettina Scheffer (Germany)**

16:50-17:10

Management of urologic complications after genital gender-affirming surgery

**Gennaro Selvaggi (Sweden)**

## Magasinet

**ESAU-EAA Symposium: The infertile male in front of the andrology laboratory, the endocrinologist, and the urological surgeon**

16:10-16:20

How to change a negative for haploid cells primary -mTESE outcome to a positive for haploid cells salvage -mTESE result? Administration of pharmaceutical agents

**Suks Minhas (UK)**

16:20-16:30

Left varicocele still an enigma - Looking at the hypothalamo-pituitary-testicular axis

**Aleksander Giwercman (Sweden)**

## Mälarsalen

### Genetics of male germ cells - implications beyond the testes

Short oral presentation:

17:10-17:20

Frequency and spectrum of mutations in human sperm measured using duplex sequencing correlate with trio-based de novo mutation analyses

**Jonatan Axelsson (Sweden)**

## Nobelterrassen

### Transgender and gender diverse persons

Short oral presentation:

17:10-17:20

Impact of hormonal treatment in transgender persons assigned male at birth on testicular regression

**Antonio Barbato (Italy)**

17:20-17:30

Partial rejuvenation of the spermatogonial stem cell niche after gender-affirming hormone therapy in trans women

**Emily Delgouffe (Belgium)**

## Magasinet

### ESAU-EAA Symposium

16:30-16:40

Left varicocele still an enigma - The surgical approach

**Fotios Dimitriadis (Greece)**

16:40-16:50

Left varicocele still an enigma - Varicocelectomy or ART in men with varicoceles and severe oligo-astheno-teratozoospermia?

**Sabine Kliesch (Germany)**

16:50-17:00

Classification of testicular sperm quality

**Marij Dinkelman-Smit (The Netherlands)**

17:00-17:10

The Recent Role of Artificial Intelligence in Andrology

**Zsolt Kopa (Hungary)**

17:10-17:20

Xenogeneic germ cell transplantation techniques as a method to treat azoospermia with pre-meiotic spermatogenic bloc: Potential and drawbacks

**Nikolaus Sofikitis (Greece)**

17:45-19:10 **EAA General Assembly** (EAA members only) - **Mälarsalen**

20:00-22:00 **Congress Dinner** (Hilton Stockholm Slussen, Guldgränd 8, 104 65 Stockholm) - not included in the registration

09:00-10:00 **Plenary session 3: Impact of evolution and genetics on male infertility - Mälarsalen**

09:00-09:30 From nature to the clinic: what can evolution tell us about male fertility?

**Steven A. Ramm (France)**

09:30-10:00 Recent advances in genetic aspects of male infertility

**Joris Veltman (UK)**

10:00-10:30 Coffee break

## **Mälarsalen**

**EAA meets ESHRE-SIGA – with focus on fertility preservation**

10:30-10:50

Fertility preservation for patients with cancer: The French recommendations

**Nathalie Rives (France)**

10:50-11:10

Cryopreservation of pre-pubertal testis tissue

**Ellen Goossens (Belgium)**

11:10-11:30

Spermatogonia on ice and in vitro: Is it safe to freeze and culture human testicular stem cells?

**Callista L. Mulder (The Netherlands)**

## **Nobelterrassen**

**Androgenetics**

10:30-10:50

Sequencing of the human Y-chromosome – any surprises?

**Pille Hallast (USA)**

10:50-11:10

Mosaic loss of chromosome Y (LOY) – why men live shorter lives?

**Lars Forsberg (Sweden)**

Short oral presentation:

11:10-11:20

Monogenic causes of cryptorchidism – analysis of known and novel candidate genes

**Anna-Grete Juchnewitsch (Estonia)**

## **Magasinet**

**Metabolic aspects of andrology**

10:30-10:55

Testicular function and cardiometabolic health: what an andrologist ought to know?

**Mario Maggi (Italy)**

11:00-11:25

Diabetes and pre-diabetes: is there a role for testosterone treatment?

**Jolijn Van Cauwenberghe (Belgium)**



## Mälarsalen

### EAA meets ESHRE-SIGA – with focus on fertility preservation

Short oral presentation:

11:30-11:40

A defined hydrogel for murine testicular organoid generation

[Yanhua Cui \(Sweden\)](#)

## Nobelterrassen

### Androgenetics

11:20-11:30

Establishment of an effective in vitro system to discover novel genetic mutations causing Sertoli cell-only syndrome in human

[Xinyu Liu \(China\)](#)

11:30-11:40

Clinical validity and prognostic value of a virtual gene panel applied to patients with severe spermatogenic failure

[Ginevra Farnetani \(Italy\)](#)

## Magasinet

### Metabolic aspects of andrology

Short oral presentation:

11:30-11:40

Childhood-onset growth hormone deficiency is associated with impaired testicular development, altered steroidogenesis and reduced reproductive function during transition age: a multicentre, retrospective longitudinal study

[Francesco Carlomagno \(Italy\)](#)

11:40-11:50

Activation of Farnesoid X receptor alleviates high-fat diet-induced the impairment of sperm parameters in mice

[Jin-Chuan Liu \(China\)](#)

12:00-13:30 **POSTER SESSION II** and Lunch - Catering area

12:15-13:15 **INDUSTRY SYMPOSIUM\*** - [Nobelterrassen](#)

## Mälarsalen

## Testicular cancer

13:30-13:50

Testis function and fertility in TC survivors (EINSTEIN study)

**Mikkel Bandak (Denmark)**

13:50-14:10

Is there a place for testis sparing surgery?

**Ruben Gössmann (Germany)**

Short oral presentation:

14:10-14:20

The recommended timing for semen cryopreservation in testicular cancer: before or after orchiectomy?

**Alessandra Buonacquisti (Italy)**

14:20-14:30

Gene ontology analysis of WES data reveals significant overrepresentation of DNA repair pathway in patients affected by TGCT

**Chiara Abrardo (Italy)**

## Nobelterrassen

## Novel aspects of testis function

13:30-13:50

Endocannabinoid system in the developing testis

**Aureore Gely-Pernot (France)**

13:50-14:10

RANKL signalling in the testis

**Martin Blomberg Jensen (Denmark)**

14:10-14:30

The multi-scale architecture of mammalian sperm tail and implications for motility

**Tzviya Zeev-Ben-Mordehai (The Netherlands)**

Short oral presentation:

14:30-14:40

Single-cell roadmap of marmoset postnatal testicular development reveals the entire germline differentiation pathway and the interplay between germline and soma

**Juan Manuel Paturianne (Germany)**

## Magasinet

## Sexual dysfunction

13:30-13:50

Post SSRI Sexual Dysfunction

**Francesco Pallotti (Italy)**

13:50-14:10

Use of sex toys/sex aids: social and cultural determinants

**Andrea Sansone (Italy)**

Short oral presentation:

14:10-14:20

Sexual Dissatisfaction Among Middle-Aged Men: Findings from the Bavarian Men's Health-Study

**Lilly Johanna Schmalbrock (Germany)**

14:20-14:30

GONADIS national registry on gonadal status in pituitary and adrenal disorders: prevalence and characterization of sexual dysfunctions in male patients with acromegaly

**Francesco Garifalos (Italy)**

14:30-14:40

Difference of factors associated with lifelong/acquired and subjective/variable premature ejaculation: Results of the Bavarian Men's Health-Study

**Victoria A. Soehne (Germany)**

15:05-15:35 **Plenary session 4 - Mälarsalen**

Debate - TESE in non-azoospermic patients: is this ever indicated?

15:05-15:20 Pro

**Sabine Kliesch (Germany)**

15:20-15:35 Contra

**Philippa Sangster (UK)**

15:40-16:00 **Closing ceremony - Mälarsalen**

\*12:15-13:15 **INDUSTRY SYMPOSIUM: Gonadotropins Symposium sponsored by Merck - Nobelterrassen**

12:15-12:35 **How to tailor hormonal stimulation of infertile men: the application of 'Aphrodite' criteria**

**Manuela Simoni (Italy)**

12:35-12:55 **Gonadotropins beyond reproduction: non-reproductive effects of FSH in young men**

**Angel Elenkov (Sweden)**

12:55-13:15 **FSH effectiveness in male idiopathic infertility: What happens in daily practice?**

**Alberto Ferlin (Italy)**

