



13TH EUROPEAN CONGRESS OF ANDROLOGY: ECA2024

4-6 SEPTEMBER, STOCKHOLM

"...all subspecialties of andrology are represented: endocrinology, fertility preservation, urology, sexual medicine, seminology, and andro-genetics. There are also several sessions of interest for basic scientists active in male reproductive biology."

Ewa Rajpert-De Meyts, Zsolt Kopa, Francesco Lombardo
Program Committee Chairs

Venue: Münchenbryggeriet
(Torkel Knutssonsgatan 2A, 118 25 Stockholm, Sweden)

Registration and program: <https://www.eca2024.com>
Early registration deadline: **15 May 2024**

Contact: info@eca2024.com

PROGRAM OVERVIEW

For program details visit <https://www.eca2024.com>

4 SEPTEMBER WEDNESDAY

EAA - ANDRONET Course for Andrologists: *What should the andrologist know in 2024?*
Opening ceremony
Opening lecture and best short oral presentations
Welcome Reception at Stockholm City Hall

5 SEPTEMBER THURSDAY

3 plenary lectures and 9 scientific sessions (3 parallel tracks)
Poster session
Congress dinner

6 SEPTEMBER FRIDAY

2 plenary lectures and debate, 6 scientific sessions (3 parallel tracks)
Closing ceremony

There is a great interest in the Congress from the andrology community in Europe and beyond. A **record number of abstracts** have been already submitted, even before the deadline, so the large turnout is assured.

ECA 2024 PROGRAM HIGHLIGHTS

The Congress will be preceded by a **Course for Andrologists**, endorsed by the EAA and ANDRONET COST Action. The topics and speakers: sexual medicine (**E. Jannini**, I), sperm epigenetics (**A. de la Iglesia**, E/F), ICSI in Klinefelter syndrome (**M. Dinkelman-Smit**, NL), fertility preservation in boys (**S. Schlatt**, D), hypogonadism (**N. Jørgensen**, DK), prevention of male infertility (**C. Krausz**, I), ageing male (**A. Giwercman**, S) and hormonal contraception (**H. Behre**, D).

Internationally renowned **plenary speakers** will cover the hot basic and translational topics and controversies in clinical andrology:

- **Luca Jovine** (Sweden): Interaction of sperm and oocyte
- **Anna-Maria Andersson** (Denmark): Decreasing male reproductive health: endocrine disrupters or something else?
- **Giovanni Corona** (Italy): Do “new” antihyperglycemic drugs impact on diabetic sexual dysfunctions?
- **Peter Y. Liu** (USA): Rhythms in testosterone, sleep and life – impacts on health
- **Steven A. Ramm** (Germany): From nature to the clinic: what can evolution tell us about male fertility?
- **Joris Veltman** (UK/NL): Recent advances in genetic aspects of male infertility
- **Sabine Kliesch** (Germany) and **Philippa Sangster** (UK): Debate - TESE in non-azoospermic patients: is this ever indicated?

This edition of the Congress has put a lot of emphasis on the emerging field of **fertility preservation** and **treatment of young cancer survivors**. We highlight the following topics and speakers:

- *How to select patients for testis tissue preservation?* - Kirsi Jahnukainen (Finland)
- *Cryopreservation of the pre-pubertal testis tissue* – Ellen Goosens (Belgium)
- *Gonadotoxic reagents and their mechanism of action* – Michael Rimmer (UK)
- *Spermatogonia on ice and in vitro* – Callista Mulder (The Netherlands)

Of particular interest for **endocrinologists** are the following sessions and plenaries:

- ***Use and misuse of testosterone***, with one of the top experts **Shalender Bhasin** (USA) among the speakers.
- ***Rhythms in testosterone, sleep and life – impacts on health***, the EAA-ASA Award Lecture by **Peter Y. Liu** (USA).
- ***Novel signalling pathways in the testis***, including RANKL and endocannabinoids.

The program was developed in collaboration with the **Section of Andrological Urology (ESAU)** of the European Association of Urology (EAU) and contains several sessions of particular interest for **urologists**:

- **ESAU-EAA Symposium I:** New horizons in the treatment of erectile dysfunction
- **ESAU-EAA Symposium II:** The infertile male in front of the andrology laboratory, the endocrinologist, and the urological surgeon
- **Session:** Clinical aspects of testicular cancer
- **Session:** Transgender persons, **including a lecture on surgical treatment**
- **Debate:** TESE in non-azoospermic patients

An important part of andrology concerns spermatology and the importance of **semen analysis** in diagnosis and treatment of male infertility. A controversial aspect of **sperm DNA fragmentation** will be discussed at a dedicated session. In addition, novel data on the **sperm tail structure** which have implications for sperm motility will be presented by **Tzviya Zeev-Ben-Mordehai** (the Netherlands).

Genetic diagnostics in andrology has seen an explosive development in recent years. **Androgenetics** will be covered at the ECA2024 by a plenary lecture presented by **Joris Veltman** (UN/NL), the leader of the International Male infertility Genomics Consortium (IMIGC), and a dedicated session concerning the **Y-chromosome**, and its loss in health and disease.

