

34th Summer Academy

Centre of Reproductive Medicine and
Andrology

EAA Training Centre Münster, Germany

Director: Prof. Dr. rer. nat. S. Schlatt; Chief Clinician: Prof. Dr. med. S. Kliesch

Organisation: Dr. med. Simone Bier; Priv.-Doz. Dr. rer. nat. Verena Nordhoff, Dr. rer. nat. Juan Manuel Paturllanne, Dr. med. Florian Schneider, Dr. med. Maria Schubert,

Office: Ulla Rüschoff

Basics and clinics of human reproduction – an interdisciplinary approach

Workshop for students of biology and biochemistry, clinical and veterinary medicine, and postdocs in medicine and natural sciences

An Educational Course of the CeRA, certified by the
European Academy of Andrology (EAA)

22 - 26 September 2025

Location: Multiscale Imaging Centre

Röntgenstraße 16, 48149 Münster

Including seminar series „The Fascinating World of Reproduction”

(5 invited plenaries Mo-Fr, on-site and online)

MONDAY, 22 SEPTEMBER 2025

INTRODUCTION 13:00-13:05	Prof. Dr. rer. nat. S. Schlatt, CeRA, University Münster / Prof. Dr. med. S. Kliesch, Department of Andrology, CeRA, University Hospital Münster	
PLENARY 13:05-13:50	Prof. Dr. rer. nat. Erez Raz, Institute of Cell Biology, ZMBE University Münster Zebrafish germline development	Chair: Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University Münster
SESSION 1 14:00-15:30	Germline and male reproduction	Chair: Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University Münster
14:00-14:30	Biology of the germline	Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University Münster
14:30-15:00	Biology and function of male reproductive organs	Priv.-Doz. Dr. rer. nat. Jens Ehmcke, ZTE, University Münster
15:00-15:30	Long-standing notions in embryo biology revisited: the cases of zona pellucida and animal pole in mice	Priv.-Doz. Dr. rer. nat. Michele Boiani, MPI for Molecular Biomedicine, Münster
BREAK 30 MINUTES		
SESSION 2 16:00-17:30	Gametogenesis and hormonal control of reproduction	Chair: Prof. Dr. rer. nat. Verena Nordhoff, CeRA, University Münster
16:00-16:30	Ovary and oogenesis	PD Dr. rer. nat. Verena Nordhoff, Department of Andrology, CeRA, University Hospital Münster
16:30-17:00	Testis and spermatogenesis	Apl. Prof. Dr. med. vet. Daniela Fietz Institute for Veterinary Anatomy, Histology and Embryology, Justus Liebig University Giessen
17:00-17:30	Hormonal control of reproduction	Dr. med. Elena Vorona, Medical Clinic B for Gastroenterology, Hepatology, Endocrinology and Clinical Infectiology, University Hospital Münster

TUESDAY, 23 SEPTEMBER 2025

PLENARY 13:00-13:50	Prof. Davor Lessel, MD, PhD Institute of Clinical Human Genetics, University Hospital Regensburg, University of Regensburg Genetic Basis of Testicular Germ Cell Tumors	Chair: Prof. Dr. med. Frank Tüttelmann Centre of Medical Genetics University Hospital Münster, University Münster
SESSION 3 14:00-15:30	Diagnostics in reproductive medicine	Chair: Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital Münster
14:00-14:30	Diagnostics in the male	Dr. med. Rebecca Fricke, Department of Andrology, CeRA, University Hospital Münster
14:30-15:00	Diagnostics in the female	Priv.-Doz. Dr. med. Kathrin Oelmeier, Clinic for Gynecology and Obstetrics, University Hospital Münster
15:00-15:30	Diagnostics in adolescence	Dr. med. Florian Schneider, Department of Andrology, CeRA, University Hospital Münster
BREAK 30 MINUTES		
SESSION 4 16:00-17:30	Genetics of Reproduction	Chair: Dr. rer. nat. Sandra Laurentino, Institute of Reproductive Genetics, University Münster
16:00-16:30	Genetics of infertility: Diagnostics and counselling	Dr. med. Margot Wyrwoll, Institute of Genetics and Cancer, University of Edinburgh
16:30-17:00	Gene regulation of male (in)fertility	Dr. rer. nat. Sara Di Persio (Zoom), CeRA, University Münster
17:00-17:30	Epi-Genetics in reproductive ageing	Dr. rer. nat. Sandra Laurentino, Institute of Reproductive Genetics, University Münster

WEDNESDAY, 24 SEPTEMBER 2025

PLENARY 13:00-13:50	Prof. Dr. Marc Spehr RWTH Aachen University Institute for Biology II / Chemosensation Laboratory Paracrine signaling mechanisms in the seminiferous tubule	Chair Prof. Dr. rer. nat. Timo Strünker, CeRA, University Münster
SESSION 5 14:00-15:30	Male reproduction	Chair: Prof. Dr. med. Sabine Kliesch, Department of Andrology, CeRA, University Münster
14:00-14:30	Treatment of male hypogonadism	Prof. Dr. med. Sabine Kliesch, Department of Andrology, CeRA, University Münster
14:30-15:00	Diagnostics and treatment of erectile dysfunction	Dr. med. Jann F. Cremers, Department of Andrology, CeRA, University Hospital Münster
15:00-15:30	Medical and surgical treatment of male infertility	Prof. Dr. med. Sabine Kliesch, Department of Andrology, CeRA, University Hospital Münster
BREAK 30 MINUTES		
SESSION 6 16:00-17:30	Spermatozoa	Chair: Prof. Dr. rer. nat. Timo Strünker, CeRA, University Münster
16:00-16:30	Biology of spermatozoa	Dr. rer. nat. Christoph Brenker, CeRA, University Münster
16:30-17:00	Semen analysis	Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital Münster
17:00-17:30	Contraception via Sperm	Prof. Dr. rer. nat. Timo Strünker, CeRA, University Münster

THURSDAY, 25 SEPTEMBER 2025

PLENARY 13:00-13:50	Prof. Dr. Claudia Bozzaro Institut für Ethik, Geschichte und Theorie der Medizin Universität Münster Ethical Issues rised by uterus transplant	Chair: Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University Münster
SESSION 7 14:00-15:30	Assisted Reproduction Techniques	Chair: Dr. rer. nat. Tim Pock, Department of Andrology, CeRA, University Hospital Münster PD Dr. med. Ulrich A. Knuth Kinderwunschpraxis Valentinshof Hamburg
14:00-14:30	Treatment of the female	Dr. rer. nat. Katharina Fechtman, Department of Andrology, CeRA, University Hospital Münster
14:30-15:00	Medically assisted reproduction	Dr. rer. nat. Tim Pock, Department of Andrology, CeRA, University Hospital Münster
15:00-15:30	Pre-implantation diagnostics	
BREAK 30 MINUTES		
SESSION 8 16:00-17:30	Fertility Preservation	Chair: Dr. med. Simone Bier, Department of Andrology, CeRA, University Hospital Münster Dr. med. Anke Cordes Wunschkind Münster
16:00-16:30	Fertility preservation in the female	Dr. med. Simone Bier, Department of Andrology, CeRA, University Hospital Münster
16:30-17:00	Fertility preservation in the male	Dr. med. Bettina Scheffer, Department of Andrology, CeRA, University Hospital Münster
17:00-17:30	Fertility preservation in diverse	
JOINT EVENING EVENT		

FRIDAY, 26 SEPTEMBER 2025

PLENARY 8:30-9:20	Dr. med. Ulla Döhnert Clinic for pediatric and adolescence medicine, USH Lübeck Differences of sex development (DSD) – current developments in clinical care and research	Chair: Dr. med. Florian Schneider, Department of Andrology, CeRA, University Hospital Münster
SESSION 9 10:30-12:00	Variants of Reproductive Development	Chair: Dr. med. Florian Schneider, Department of Andrology, CeRA, University Hospital Münster
10:30-11:00	Minipuberty	Dr. med. Alexander Busch, PhD Department of General Pediatrics University Hospital Münster
11:00-11:30	Disorders of sex development / Transgender	Dr. med. Florian Schneider, Department of Andrology, CeRA, University Hospital Münster
11:30-12:00	Experimental approaches on Klinefelter Syndrome	Dr. rer. nat. Joachim Wistuba, CeRA, University Münster
END OF SUMMER ACADEMY		
12:30 SPERMATOLOGY COURSE		