

35th Summer Academy

**Centre of Reproductive Medicine and
Andrology**

EAA Training Centre Münster, Germany

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

Organisation: Dr. J.F. Cremers, , Prof. Dr. N. Neuhaus, Dr. S. Nath,
Dr. F. Saadati, PD Dr. M. Schubert, Prof. Dr. T.
Strünker

Office: Ulla Rüschhoff (Ursula.rueschhoff@ukmuenster.de)

Basics and clinics of human reproduction – an interdisciplinary approach

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

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

7. – 11. September 2026

Location:

**Teaching Building of the Medical Faculty,
Albert-Schweitzer-Campus 1, Building A6, 48149 Münster**

Including seminar series „Fascinating Facts in Reproduction”
(5 invited plenaries Mo-Fr, on-site and online)

MONDAY, 07 SEPTEMBER 2026

INTRODUCTION 13:00-13:05	Prof. Dr. rer. nat. S. Schlatt, CeRA, University of Münster Prof. Dr. med. S. Kliesch, Clinic for Andrology, CeRA, University Hospital Münster	
PLENARY 13:05-13:50	The role of transposable elements in congenital malformations Dr. rer. nat. Juliane Glaser, Max Planck Institute of Immunobiology and Epigenetics, Freiburg	Chair: Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University of Münster
SESSION 1 14:00-15:30	Germline and male reproduction	Chair: Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University of Münster
14:00-14:30	Biology of the germline	Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University of Münster
14:30-15:00	Embryo development: from preimplantation to gonadal sex	Dr. rer. nat. Michele Boiani, Max Planck Institute for Molecular Biomedicine, Münster
15:00-15:30	Anatomy of the gonads	Apl. Prof. Dr. med. vet. Daniela Fietz Institute for Veterinary Anatomy, Histology and Embryology, Justus Liebig University Giessen
BREAK 30 MINUTES		
SESSION 2 16:00-17:30	The role of hormones in male and female reproduction	Chair: Dr. med. Florian Schneider, Pediatric and Adolescent Medicine, St. Franziskus Hospital, Münster
16:00-16:30	The HPG axis	Dr. med. Elena Vorona, Medical Clinic B for Gastroenterology, Hepatology, Endocrinology and Clinical Infectiology, University Hospital Münster
16:30-17:00	NN	NN
17:00-17:30	Treatment of transgender children, adolescents, and adults.	Dr. med. Florian Schneider, Pediatric and Adolescent Medicine, St. Franziskus Hospital, Münster

TUESDAY, 08 SEPTEMBER 2026

PLENARY 13:00-13:50	Spermatozoa in the female reproductive tract Prof. Dr. med. vet. Jennifer Schön, Leibniz-Institute for Zoo and Wildlife Research, Berlin	Chair: PD Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital Münster
SESSION 3 14:00-15:30	Diagnostics in reproductive medicine	Chair: PD Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital Münster
14:00-14:30	Diagnostics in the female	Dr. med. Sophie Deichsel, Wunschkind, Münster
14:30-15:00	Diagnostics in the male	Dr. med. Rebecca Fricke, Department of Andrology, CeRA, University Hospital Münster
15:00-15:30	Diagnostics in adolescence	Dr. med. Bettina Scheffer, Department of Andrology, CeRA, University Hospital Münster
BREAK 30 MINUTES		
SESSION 4 16:00-17:30	Genetics of reproduction	Chair: PD Dr. rer. nat. Sandra Laurentino, Institute of Reproductive Genetics, University of Münster
16:00-16:30	Genetics of infertility: diagnostics and counselling	Prof. Dr. med. Frank Tüttelmann, Institute of Reproductive Genetics, University of Münster
16:30-17:00	Epi-Genetics of male infertility	PD Dr. rer. nat. Sandra Laurentino, Institute of Reproductive Genetics, University of Münster
17:00-17:30	Experimental approaches on Klinefelter Syndrom	Dr. rer. nat. Joachim Wistuba, CeRA, University of Münster
JOINT EVENING EVENT, NIESCHLAG PLATZ		

WEDNESDAY, 09 SEPTEMBER 2026

PLENARY 13:00-13:50	The repetitive human Y chromosome viewed through 142 near-complete assemblies Mark Loftus, PhD The Jackson Laboratory (JAX) for Genomic Medicine, Farmington, USA	Chair Prof. Dr. med. Frank Tüttelmann
SESSION 5 14:00-15:30	Male reproduction	Dr. med. Jann F. Cremers, Department of Andrology, CeRA, University Hospital Münster
14:00-14:30	Medical treatment of male hypogonadism	PD Dr. med. Armin Soave, Section of Andrology, UKE University Hamburg
14:30-15:00	Medical and surgical treatment of male infertility	Prof. Dr. med. Sabine Kliesch, Department of Andrology, CeRA, University Hospital Münster
15:00-15:30	Diagnostics and treatment of erectile dysfunction	Dr. med. Jann F. Cremers, 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 of Münster
16:00-16:30	Biology of spermatozoa	Dr. rer. nat. Christoph Brenker, CeRA, University of Münster
16:30-17:00	Semen analysis and sperm function tests acc. to WHO	PD 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 of Münster

THURSDAY, 10 SEPTEMBER 2026

PLENARY 13:00-13:50	Stem cells for fertility preservation: Where are we? Speaker: Prof. Jan-Bernd Stukenborg, PhD, Department of Organismal Biology; Physiology and Environmental Toxicology, Uppsala University, Sweden	Chair: Prof. Dr. rer. nat. Stefan Schlatt, CeRA, University of Münster
SESSION 7 14:00-15:30	Assisted reproduction techniques	Chair: Dr. rer. nat. Tim Pock, Department of Andrology, CeRA, University Hospital Münster
14:00-14:30	Treatment of the female	Dr. med. Janice K. Jeschke, Department of Gynecology and Obstetrics / Department of Andrology, CeRA Münster
14:30-15:00	Medically assisted reproduction	Dr. rer. nat. Katharina Fechtmann, Department of Andrology, CeRA, University Hospital Münster
15:00-15:30	Pre-implantation genetic testing (PGT) – the clinical and the laboratory aspects	Dr. med. Andreas Busche, Institute of Reproductive Genetics, University of Münster & Dr. rer. nat. Tim Pock, Department of Andrology, CeRA, Münster University Hospital
BREAK 30 MINUTES		
SESSION 8 16:00-17:30	Fertility preservation	Chair: Prof. Dr. rer.nat. Nina Neuhaus, CeRA, University of Münster
16:00-16:30	Guideline based recommendations for fertility preservation in male patients	Dr. med. Simone Bier, Department of Andrology, CeRA, University Hospital Münster
16:30-17:00	Gender diversity and fertility preservation – accepted standards and outlook	Karen Schiwon, Pediatrics, University of Münster
17:00-17:30	Future fertility preservation: Are germline gtem gells a promising target?	Prof. Dr. rer.nat. Nina Neuhaus, CeRA, University of Münster

FRIDAY, 11 SEPTEMBER 2026

PLENARY 9:30-10:20	Germ cell cancer and the immune system: translational aspects Prof. Dr. med. H.-Chr. Schuppe Klinik und Poliklinik für Urologie, Kinderurologie und Andrologie Universitätsklinikum Giessen und Marburg GmbH Justus-Liebig-Universität Giessen	Chair: PD Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital
SESSION 9 10:30-12:00	The future of human reproduction	Chair: Prof. Dr. rer. nat. Verena Nordhoff, Department of Andrology, CeRA, Münster University Hospital
10:30-11:00	Assisted reproduction in the era of AI and robotics	Prof. Dr. rer. nat. Verena Nordhoff, Department of Andrology, CeRA, Münster University Hospital
11:00-11:30	Long-term effects of infertility: what will diagnosis look like in the future?	PD Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital
11:30-12:00	Summary, evaluation and EAA exam of Summer School	Prof. Dr. rer. nat. Stefan Schlatt, Dr. med. Jann-F. Cremers
END OF SUMMER ACADEMY		

12:30 SPERMATOLOGY COURSE



Please use the attached form for registration and send it by E-mail to:

Ursula.rueschhoff@ukmuenster.de

Office Address:

Ulla Rüschoff
Centrum für Reproduktionsmedizin und Andrologie
Institut für Reproduktions- und Regenerationsbiologie
Albert-Schweitzer-Campus 1, Geb. D 11
48149 Münster

The registration fee for national and international participants is 100 EUR.

(Students of the University of Münster can join free of charge)

The fee for the evening event is 20 €.

Please transmit the registration fee of 100 €

and the fee for the evening event of 20 € to the following account:

IBAN: DE42400700800013884200

BIC: DEUTDE3B400

Account owner: Universitätsklinikum Münster

Please be sure to mention: “Project 98 70758 CeRA account” as otherwise your payment cannot be assigned.

Registration Summer Academy CeRA September 7 – 11, 2026

Participant:

Last name	
First name	
E-Mail	
University	
Institution/ Department	
Adress	
Participant for „Wahlpflichtfach“ of the medical faculty Münster. (Participation on-site)	Matrikel Nr: ☐
I like to participate in the evening event on Tuesday 8 September (fee 20 €):	

Please return completed form to:

Ulla Rüschhoff: Ursula.Rueschhoff@ukmuenster.de