

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 Rüschoff (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

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

TUESDAY, 08 SEPTEMBER 2026

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

WEDNESDAY, 09 SEPTEMBER 2026

<p>PLENARY 13:00-13:50</p>	<p>The repetitive human Y chromosome viewed through 142 near-complete assemblies Mark Loftus, PhD The Jackson Laboratory (JAX) for Genomic Medicine, Farmington, USA</p>	<p>Chair Prof. Dr. med. Frank Tüttelmann</p>
<p>SESSION 5 14:00-15:30</p>	<p>Male reproduction</p>	<p>Dr. med. Jann F. Cremers, Department of Andrology, CeRA, University Hospital Münster</p>
<p>14:00-14:30</p>	<p>Medical treatment of male hypogonadism</p>	<p>PD Dr. med. Armin Soave, Section of Andrology, UKE University Hamburg</p>
<p>14:30-15:00</p>	<p>Medical and surgical treatment of male infertility</p>	<p>Prof. Dr. med. Sabine Kliesch, Department of Andrology, CeRA, University Hospital Münster</p>
<p>15:00-15:30</p>	<p>Diagnostics and treatment of erectile dysfunction</p>	<p>Dr. med. Jann F. Cremers, Department of Andrology, CeRA, University Hospital Münster</p>
<p>BREAK 30 MINUTES</p>		
<p>SESSION 6 16:00-17:30</p>	<p>Spermatozoa</p>	<p>Chair: Prof. Dr. rer. nat. Timo Strünker, CeRA, University of Münster</p>
<p>16:00-16:30</p>	<p>Biology of spermatozoa</p>	<p>Dr. rer. nat. Christoph Brenker, CeRA, University of Münster</p>
<p>16:30-17:00</p>	<p>Semen analysis and sperm function tests acc. to WHO</p>	<p>PD Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital Münster</p>
<p>17:00-17:30</p>	<p>Contraception via sperm</p>	<p>Prof. Dr. rer. nat. Timo Strünker, CeRA, University of Münster</p>

THURSDAY, 10 SEPTEMBER 2026

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

FRIDAY, 11 SEPTEMBER 2026

<p>PLENARY 9:30-10:20</p>	<p>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</p>	<p>Chair: PD Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital</p>
<p>SESSION 9 10:30-12:00</p> <p>10:30-11:00</p> <p>11:00-11:30</p> <p>11:30-12:00</p>	<p>The future of human reproduction</p> <p>Assisted reproduction in the era of AI and robotics</p> <p>Long-term effects of infertility: what will diagnosis look like in the future?</p> <p>Summary, evaluation and EAA exam of Summer School</p>	<p>Chair: Prof. Dr. rer. nat. Verena Nordhoff, Department of Andrology, CeRA, Münster University Hospital</p> <p>Prof. Dr. rer. nat. Verena Nordhoff, Department of Andrology, CeRA, Münster University Hospital</p> <p>PD Dr. med. Maria Schubert, Department of Andrology, CeRA, University Hospital</p> <p>Prof. Dr. rer. nat. Stefan Schlatt, Dr. med. Jann-F. Cremers</p>
<p>END OF SUMMER ACADEMY</p>		
<p>12:30 SPERMATOLOGY COURSE</p>		



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

Ursula.rueschhoff@ukmuenster.de

Office Adress:

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: <input type="checkbox"/>
I like to participate in the evening event on Tuesday 8 September (fee 20 €):	

Please return completed form to:

Ulla Rüschoff: Ursula.Rueschhoff@ukmuenster.de