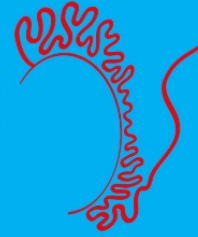
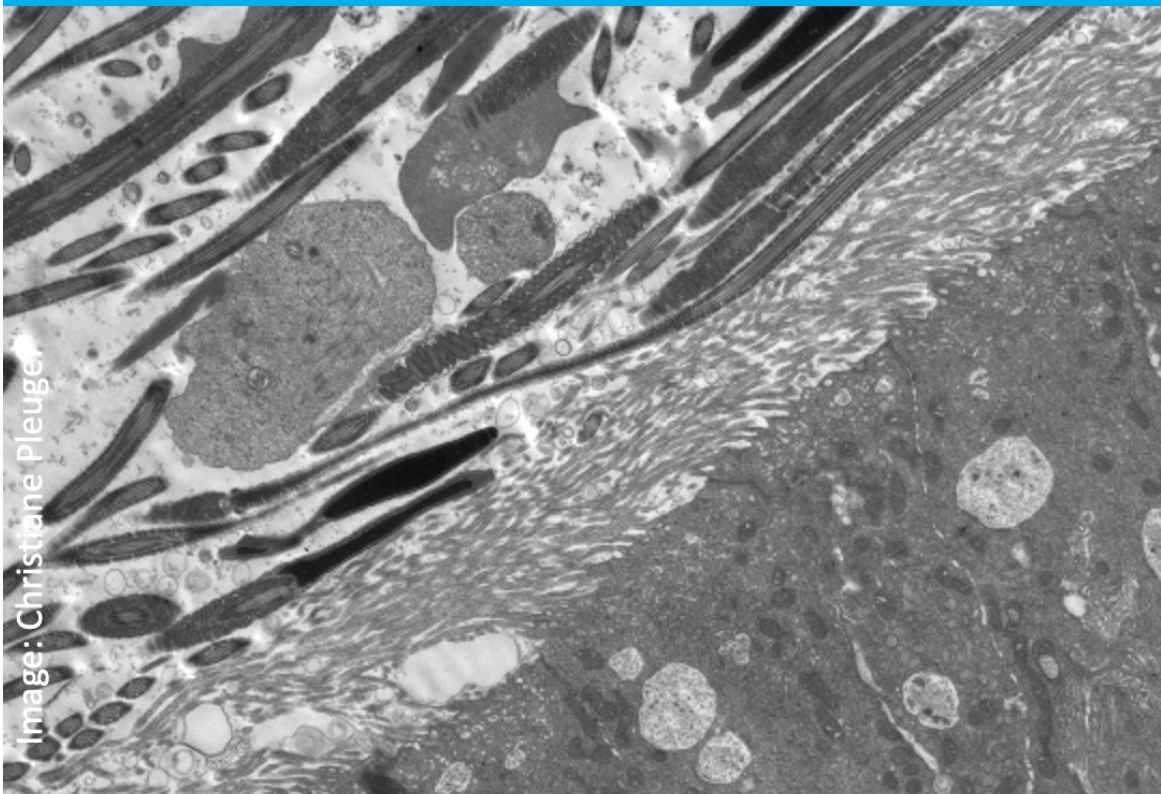


Von Behring-Röntgen-Symposium 2022

The Epididymis



Organizers: A. Meinhardt, R. Middendorff, T. Berger



4 - 7 September 2022 | Giessen | Germany



von behring|röntgen|
stiftung

www.epididymis2022.de

Venue:

Justus-Liebig-University Giessen

Medizinisches Lehrzentrum Seltersberg, Klinikstraße 29, 35392 Giessen, Germany



-  Venue MLZ (Medizinisches Lehrzentrum, Klinikstrasse 29)
-  Giessen Main Station "Bahnhof"
-  Footbridge Shortcut for Pedestrians
-  Only public access for cars
-  No public access for cars
-  Public car park
-  Bus stop: Departure for workshop dinner

Sunday, September 04, 2022

14:00-16:00	Registration
16:00-16:15	Welcome & Opening of the Workshop Andreas Meinhardt, Workshop Organisation Lars Wittek, President of the <i>Behring-Röntgen Foundation</i> Wolfgang Weidner, Dean of the Faculty of Medicine, Justus Liebig University
16:15-17:00	Opening Keynote Lecture <i>Chair: Bernard Robaire</i> Lumicrine signaling in the epididymis <i>Masahito Ikawa, Osaka, Japan</i>
17:00-17:30	Coffee Break & Installation of Posters
17:30-19:00	Presentation of Even-Numbered Posters
19:00	Welcome Reception with Dinner (on site)

Monday, September 05, 2022

9:00-10:30	Session I: Human Epididymis and Epididymitis <i>Chairs: Terry Turner & Jörg Klug</i>
9:00-9:30	Clinical aspects of acute epididymitis <i>Adrian Pilatz, Giessen, Germany</i>
9:30-10:00	Tuberculous epididymitis: epidemiological, clinical and histological features <i>Ekaterina Kulchavenya, Novosibirsk, Russia</i>
10:00-10:30	Functional genomics of the human epididymis <i>Ann Harris, Cleveland, United States</i>
10:30-11:00	Coffee Break
11:00-12.15	Short Oral Presentations <i>Chair: Fabrice Saez</i>
11:00-11:15	SO1 - Urinary phthalate metabolites and small non-coding RNAs from seminal plasma extracellular vesicles among men undergoing infertility treatment. <i>Richard Pilsner, Detroit, USA</i>
11:15-11:30	SO2 - Androgen-regulated epididymis barrier function in the human proximal epididymis <i>Shih-Hsing Leir, Cleveland, USA</i>

11:30-11:45	SO3 - Restoration of Segmented Mouse and Rat Epididymal Transcriptional Profiling Data in a Relaunch of the Mammalian Reproductive Genetics Database <i>Daniel Johnston, Bethesda, USA</i>
11:45-12:00	SO4 - Investigation of GM1-enriched murine epididymosomes with segmental expression and lumicrine regulation <i>Danielle Sosnicki, Ithaca, USA</i>
12:00-12:15	SO5 - Functional and structural particularities regarding the transit of the epididymal duct between neighboring segments in rodents and men <i>Thorben Hau, Giessen, Germany</i>
12:15-13:30	Lunch (on site)
13:30-18:00	Social Activities Boat tour on river Lahn in Giessen Guided tour „Emil von Behring - Savior of Children“ in Marburg
18:00-19:30	Presentation of Odd-Numbered Posters with Beer, Wine & Nibbles

Tuesday, September 06, 2022

9:00-10:20	Session II: Immunobiology and immunopathology of the epididymis <i>Chairs: Mark Hedger & Aileen Harrer</i>
9:00-9:20	Role of activins in epididymal immunopathology <i>Rukmali Wijayarathna, Melbourne, Australia</i>
9:20-9:40	The immune context of the mammalian epididymis <i>Rachel Guiton, Clermont-Ferrand, France</i>
9:40-10:00	Key players in immune surveillance of the epididymis <i>Maria Agustina Battistone, Boston, USA</i>
10:00-10:20	Region-specific epididymal responses to inflammation: insights from experimental models of epididymitis <i>Erick Silva, Botucatu, Brazil</i>
10:20-11:00	Coffee Break
11:00-12:30	Short Oral Presentations <i>Chair: Christina Avellar</i>
11:00-11:15	SO6 - The regional distribution of resident immune cells shapes distinct immunological environments along the murine epididymis <i>Christiane Pleuger, Giessen, Germany</i>

11:15-11:30	SO7 - Uropathogenic Escherichia coli infection leads to the formation of tertiary lymphoid organs in the epididymis <i>Hiba Hasan, Giessen, Germany</i>
11:30-11:45	SO8 - Investigating retinoic acid synthesis and signaling in the epididymal epithelium <i>Cathryn Hogarth, Wodonga, Australia</i>
11:45-12:00	SO9 - DNA integrity alteration in mouse spermatozoa after short exposure to dibutyl phthalate or bisphenol AF and remediation by an antioxidant oral supplementation. <i>Elisa Hug, Clermont-Ferrand, France</i>
12:00-12:15	SO10 - Runx transcription factors are necessary for maintenance of proper differentiation of epididymal epithelial cells <i>Petra Sipilä, Turku, Finland</i>
12:15-12:30	SO11 - Do wireless communications networks impact the male reproductive system? <i>Geoffry De Iuliis, Newcastle, Australia</i>
12:30-14:00	Lunch
14:00-15:30	Session III: Epididymis and Sperm Maturation <i>Chairs: Brett Nixon & Thomas Berger</i>
14:00-14:30	Use of proteomic and phosphoproteomic profiling to assess the contribution of the epididymis to sperm maturation <i>David Skerrett-Byrne, Newcastle, Australia</i>
14:30-15:00	Paternal exposures, epididymal maturation, and epigenetic programming of sperm <i>Michael Golding, College Station, USA</i>
15:00-15:30	Regionalized mapping of biological functions in the epididymis using large-scale <i>in situ</i> approaches <i>Charles Pineau, Rennes, France</i>
15:30-16:10	Coffee Break
16:10-17:40	Short Oral Presentations <i>Chair: Colin Conine</i>
16:10-16:25	SO12 - Epididymal primary cilia induce intracellular calcium signaling and gene expression in response to fluid shear stress <i>Sepideh Fakhari, Québec City, Canada</i>
16:25-16:40	SO13 - Using cryo-electron tomography to study the cytoplasmic droplet <i>Tzviya Zeev-Ben-Mordehai, Utrecht, Netherlands</i>
16:40-16:55	SO14 - Epididymal acquired sperm miRNAs and male fertility <i>Natalie Trigg, Philadelphia, United States</i>

16:55-17:10	SO15 - Comprehensive protein profiling of seminal CD63+ small extracellular vesicles unveils their biological relevance and tissue-specific origin <i>Meritxell Jodar Bifet, Barcelona, Spain</i>
17:10-17:25	SO16 - Oxytocin may recover impaired epididymal contractile function in patients with spinal cord injury who wish to father children <i>Andrea Mietens, Giessen, Germany</i>
17:25-17:40	SO17 - Mapping the interaction between mouse epididymal protease inhibitor (EPPIN) and the seminal vesicle secreted protein 2 (SVS2) <i>Noemia Mariani, São Paulo, Brazil</i>
18:00	Bus Departure from Congress Site
18:30	Congress Dinner in the “Lokschuppen” Marburg

Wednesday, September 07, 2022

9:00-10:30	Session IV: Physiology and cell biology of the epididymis <i>Chairs: Joël Drevet & Ralf Middendorff</i>
9:00-9:30	Mechanics and dynamics of epididymal duct in development <i>Tsuyoshi Hirashima, Singapore</i>
9:30-10:00	Host Defense Functions of the Epididymal Amyloid Matrix <i>Gail Cornwall, Lubbock, United States</i>
10:00-10:30	Cilia function in epididymis <i>Heymut Omran, Münster, Germany</i>
10:30-11:00	Coffee Break <i>Chair: Barry Hinton</i>
11:00-11:30	Epididymal injury and morphological sperm anomalies in a high-fat diet model <i>Rosanna Chianese, Naples, Italy</i>
11:30-12:15	Breakout sessions to discuss future of research on the epididymis
12:15-12:30	Reports back from breakout sessions
12:30-12:45	Farewell
12:45	Adjourn