

SUNDAY, 22.06.2025

Time (Place)	Session Detailed Time	Speaker name and topic of talk
14:30 - 15:45 (Kursaal)	WELCOME	Gathering with drinks and snacks in front of the lecture hall
15:45 - 16:00 (Kursaal)	OPENING	Organizers: Welcome and general information (about the venue, activities, schedule, and a voting process for the next meeting hosts)
16:00 - 16:45 (Kursaal)	KEYNOTE	Jeff Sekelsky: KEYNOTE – The diverse legacies of Scott Hawley.
16:45 - 17:30 (Kursaal)	TALKS	
Getting ready to go, and going		
	16:45 - 17:05	Gerben Vader: From meiosis to cancer: the TRIP13-HORMA signaling module in health and disease
	17:05 - 17:25	Jiri Forejt: Pachytene checkpoint of hybrid and chromosomal sterility depends on number of Mir465 miRNA copies in house mouse
17:30 - 18:00 (Kursaal)	BREAK	Coffee, tea, fruits, cakes
18:00 - 19:20 (Kursaal)	TALKS	
	18:00 - 18:20	Soni Lacefield: Loss of MOS alters meiotic cell cycle regulation and the egg transcriptome
	18:20 - 18:40	Ian Adams: Investigating chromosome ageing in mammalian oocytes.
	18:40 - 19:00	Chenshu Liu: Nuclear Envelope-Mediated Meiotic Quality Control in <i>C. elegans</i>
	19:00 - 19:20	5 x 4 min flash talks Nicola Gorringe G. Valentin Börner Lucia Massari Martin White Kyuha Choi
19:30 - 21:00 (Hotel Bellevue)	DINNER	

MONDAY, 23.06.2025

Time (Place)	Session Detailed Time	Speaker name and topic of talk
Double Strand Breaks – induction and repair		
8:45 - 10:20 (Kursaal)	TALKS	
	08:45 - 08:50	Organizers: announcements/reminders
	08:50 - 09:10	Corentin Claeys Bouuaert: The assembly of the meiotic DNA double-strand break machinery is modulated by conformational flexibility of the Mer2 coiled coil.
	09:10 - 09:30	Hélène Bordelet: Characterization of the chromatin structural determinants regulating meiotic DNA Double-Strand Break repair using a synthetic genomic system
	09:30 - 09:50	Scott Keeney: Building a meiotic DNA breaking machine
	09:50 - 10:20	6 x 4 minute flash talks Diana Libuda Elizaveta Selezneva Bertrand Llorente Celja Uebel Benoît Madec Sophie Zinn-Justin
10:25 - 11:00 (Kursaal)	BREAK	Coffee, fruits, breakfast goods
11:00 - 12:25 (Kursaal)	TALKS	
	11:00 - 11:20	Peter Schloegelhofer: How to establish inter-homologue bias during meiosis.
	11:20 - 11:40	Corinne Grey: Interplay Between Chromosome Organization and Axis Dynamics at the Initiation of Meiotic Recombination
Finding a partner – chromosome pairing and early interactions		
	11:40 - 12:00	Jean Rene Huynh: Cellular Constraints and the Evolution of Homologous Chromosome Pairing Mechanisms During Meiosis.
	12:00 - 12:25	6 x 4 min flash talks Brianna Diaz Pacheco Sneha Bisht Martin Houllard Arp Schnittger Kei-Ichiro Ishiguro Louise Brennan
12:30 - 14:15 (Hotel Bellevue)	LUNCH	
14:15 - 15:45 (Hotel Bellevue)	POSTERS	Poster session 1 (Posters 1-31)
16:00 - 17:00 (Kursaal)	TALKS	
	16:00 - 16:20	Yaniv Elkouby: EMBO Young Investigator. The Zygotene cilium: Novel mechanisms, conserved functions, and links to reproductive disfunctions
	16:20 - 16:40	Madhav Jagannathan: Meiotic pairing through barcode-like satellite DNA repeats

	16:40 - 17:00	Abby Dernburg: Meiotic RING finger proteins regulate synapsis and crossover formation through condensation and structural transitions of the SC
17:00 - 17:30 (Kursaal)	BREAK	Coffee, fruits, cakes
17:30 - 18:40 (Kursaal)	TALKS	
	17:30 - 17:50	Simone Köhler: Homologous chromosome pairing in <i>C. elegans</i>
	17:50 - 18:10	Paula Cohen: Interrogating the function of Replication Factor C variants in mammalian meiosis
Homologous recombination		
	18:10 - 18:30	Valerie Borde: Recombination laid bare: single molecule analyses reveal hidden properties of meiotic recombination.
	18:30 - 18:40	2 x 4 min flash talks Paola Sanna Jana Kružlicová
18:45 - 20:15 (Hotel Bellevue)	DINNER	
20:15 - 21:45 (Hotel Bellevue)	POSTERS	Poster session 2 (Posters 32-63)

TUESDAY, 24.06.2025

Time (Place)	Session Detailed Time	Speaker name and topic of talk
8:45 - 10:30 (Kursaal)	Talks	
	08:45 - 08:50	Organizers: announcements/reminders
	08:50 - 09:10	Petr Cejka: EXO1 promotes the meiotic MLH1-MLH3 endonuclease through conserved interactions with MLH1, MSH4 and DNA
	09:10 - 09:30	Matt Neale: Top3 drives crossover migration towards the meiotic chromosome axis.
	09:30 - 09:50	Verena Jantsch: Dbf4-Dependent Kinase Contributes to Successful Prophase I in <i>Caenorhabditis elegans</i> Meiosis
	09:50 - 10:10	Nicola Silva: BRC-2/BRCA2 acts in an obligate complex with the newly identified RIPR-1 to regulate homologous recombination-mediated repair during <i>C. elegans</i> meiosis
	10:10 - 10:30	Monique Zetka: ZHP-1/2-mediated recruitment of PLK-2/Polo kinase 2 to recombination sites is required for crossover designation
10:30 - 11:00 (Kursaal)	BREAK	Coffee, fruits, breakfast goods
11:00 - 12:25 (Kursaal)	TALKS	
Crossover patterning		
	11:00 - 11:20	Chris Morgan: Exploring HEI10 dynamics in Arabidopsis
	11:20 - 11:40	Florencia Pratto: Multi-Scale Control of Recombination and Diversity in the Mammalian Germline.
	11:40 - 12:00	Piotr Ziolkowski: Class I crossover proteins limits class II crossovers
	12:00 - 12:25	5 x 4 min flash talks Mariana Sacerdoti Alfonso Fernández-Álvarez Lin-Yu Lu Hammed Tukur Hajime Murakami
12:30 - 14:15 (Hotel Bellevue)	LUNCH	
14:15 - 15:45 (Hotel Bellevue)	POSTERS	Poster session 3 (Posters 64-95)
16:00 - 17:00 (Kursaal)	TALKS	
	16:00 - 16:20	Yumi Kim: Mapping the interactions among crossover proteins in <i>C. elegans</i> meiosis.
	16:20 - 16:40	Susan Johnston: The molecular causes and evolutionary consequences of heterochiasmy in a wild bird population.
	16:40 - 17:00	Thomas Robert: Characterization of mouse HEIP1, a new mammalian master regulator of meiotic crossover formation.
17:00 - 17:30 (Kursaal)	BREAK	Coffee, fruits, cakes
17:30 - 18:40 (Kursaal)	TALKS	
Chromosome segregation and mis-segregation		
	17:30 - 17:50	Tomoya Kitajima: Artificial kinetochores as a strategy to prevent chromosome segregation errors in oocytes.
	17:50 - 18:10	Adrian Gonzalo: Improved synapsis dynamics accompany meiotic stability in <i>Arabidopsis arenosa</i> autotetraploids.

	18:10 - 18:40	7 x 4 min flash talks Emmanuelle Martini Dahlia Deng Eleanor Casey Meret Arter Ezgi Unal Stefan Steckenborn Bungo Akiyoshi
18:45 - 20:15 (Hotel Bellevue)	DINNER	
20:15 - 21:45 (Hotel Bellevue)	POSTERS	Poster session 4 (Posters 95-125)

WEDNESDAY, 25.06.2025

Time (Place)	Session Detailed Time	Speaker name and topic of talk
08:45 - 10:30 (Kursaal)	TALKS	
	08:45 - 08:50	Organizers: announcements/reminders
	08:50 - 09:10	Eva Hoffman: Meiotic aneuploidies and chromosomal breakage in human eggs and embryos.
	09:10 - 09:30	Francesca Cole: Aged mouse spermatocytes are defective in crossing over leading to high rates of chromosome mis-segregation.
	09:30 - 09:50	Rayane Kaade: Slender lobes: a spindle matrix protein crucial for the bipolar spindle in Drosophila oocytes
Chromosome structure and chromatin modifications		
	09:50 - 10:10	Nancy Kleckner: Pairing and Patterning.
	10:10 - 10:30	Alberto M Pendás: Coordination of Synapsis and Crossover Designation and Maturation in Mouse Meiosis
10:30 - 11:00 (Kursaal)	BREAK	Coffee, fruits, breakfast goods
11:00 - 12:20 (Kursaal)	TALKS	
	11:00 - 11:20	Owen Davies: Molecular insights into the structure of the synaptonemal complex.
	11:20 - 11:40	Raphael Mercier: One ring to rule them all. Cohesins impose monopolar orientation and suppress proximal meiotic crossovers.
	11:40 - 12:00	Enrique Martinez-Perez: Biophysical and in vivo approaches uncover mechanisms by which variant cohesin complexes orchestrate meiotic chromosome structure and function
	12:00 - 12:20	Liangran Zhang: Pds5 regulates the length of chromosome axes in meiosis
12:30 - 14:00 (Hotel Bellevue)	LUNCH	
14:00 - 18:30	LEISURE	Optional sightseeing and hiking excursions, or informal exchange.
18:30 - 20:15 (Hotel Bellevue)	DINNER	Meet the Speaker
20:15 - 21:45 (Hotel Bellevue)	POSTERS	Poster session 5 (Posters 125-155)

THURSDAY, 26.06.2025

Time (Place)	Session Detailed Time	Speaker name and topic of talk
08:45 - 10:30 (Kursaal)	TALKS	
	08:45 - 08:50	Organizers: announcements/reminders
	08:50 - 09:10	Leah Rosin: Chromosome-specific bias in double crossover events during meiosis in the holocentric pantry moth.
	09:10 - 09:30	Denise Zickler: Multifacets of the Wings apart-like (Wapl) cohesin in the fungus <i>Sordaria macrospora</i>
	09:30 - 09:50	Andreas Hochwagen: Crossover designation recruits condensin to reorganize the meiotic chromosome axis
VIII) Variation and innovation in meiosis		
	09:50 - 10:10	André Marques: Decoding the link between karyotype evolution and meiotic crossovers in plants with repeat-based holocentromeres.
	10:10 - 10:30	Dmitrij Dedukh: Ploidy-Dependent Gametogenic Alterations in Hybrid Loaches (Cobitis): Insights into the Origins and Maintenance of Asexual Reproduction
10:30 - 11:00 (Kursaal)	BREAK	Coffee, fruits, breakfast goods
11:00 - 12:10 (Kursaal)	TALKS	
	11:00 - 11:20	Anna Torgasheva: Meiotic behavior and non-Mendelian inheritance of the germline-restricted chromosome in songbirds
	11:20 - 11:40	Anne Villeneuve: Celebrating and Leveraging Diversity in Nematode Meiosis
	11:40 - 12:00	Aurora Ruis-Herrera: Divergent germline chromosome structures in different vertebrates
	12:00 - 12:10	Sponsor talk: BIO-RAD – Methods to apply in meiosis
12:20 - 14:05 (Hotel Bellevue)	LUNCH	
14:15 - 15:35 (Kursaal)	TALKS	
IX) Emerging approaches and concepts in meiosis research		
	14:15 - 14:35	Luke Berchowitz: Meiotic Refunctionalization of a Diverged Intrinsically Disordered Region Reveals Sequence Constraints Governing Functions.
	14:35 - 14:55	Anjali Hinch: How is meiotic DNA break repair handled in genes?
	14:55 - 15:15	Duilio Silva: DNA damage-mediated embryo killing drives biased transmission of mouse selfish DNA.
	15:15 - 15:35	Needhi Bhalla: The Pachytene Checkpoint Across Systems
15:35 - 16:10 (Kursaal)	BREAK	Coffee, fruits, cakes
16:10 - 17:10 (Kursaal)	TALKS	
	16:10 - 16:30	Stefan Heckmann: Dissection of the synaptonemal complex in plants using TurboID-based proximity labeling to reveal its composition and role in crossover formation
	16:30 - 16:50	Eelco Tromer: Manifold Ways to Forge a Meiotic Zipper: Tracing Synaptonemal Complex Origins, Diversification and Co-Evolution with Meiotic Pathways

	16:50 - 17:10	Jiyeon Leem: Innovation of new experimental system to discover the origins of female reproductive age-related egg aneuploidy.
17:10 - 17:30 (Kursaal)	BREAK	Short break, no refreshments
17:30 - 18:30 (Kursaal)	BUSINESS	Closing remarks, Poster Awards, Voting for the next host
19:15 - 21:30 (Hotel Bellevue)	GALA DINNER	
21:30 - 01:00 (Hotel Bellevue)	PARTY	