

ReALity Workshop: Gender as a biological variable

Monday, April 24, 2023

BioCenter I (Lecture Hall 00.187), Hanns-Dieter-Hüsch-Weg 15, 55128 Mainz



ReALity

09:00 – 09:15	Introduction	Susann Schweiger and Peter Baumann
09:15 – 10:25	Session I <i>6 talks (9 min + 3 min discussion)</i>	Chair: Susann Schweiger
09:15 – 09:27	<i>X-chromosome regulation in evolution and disease</i>	Claudia Keller Valsecchi
09:27 – 09:39	<i>RNA stability controlled by m6A methylation contributes to X-to-autosome dosage compensation in mammals</i>	Julian König
09:39 – 09:51	<i>Dosage compensation differences: from genomic location to different sex determination systems</i>	Ann-Kathrin Huylmans
09:51 – 10:03	<i>Sex differences in lifespan and behavior in ants</i>	Susanne Foitzik
10:03 – 10:15	<i>Turning the question around: Why (evolutionarily speaking) aren't males and females even more different from each other?</i>	Hanna Kokko
10:15 – 10:27	<i>Sex and gender- relevance for healthy vs. premature aging</i>	Manfred Beutel
10:27 – 10:37	Short wrap-up of session I	
10:37 – 10:47	Coffee Break	
10:47 – 12:10	Session II <i>6 talks (9 min + 3 min discussion)</i>	Chair: Claudia Keller Valsecchi
10:47 – 10:59	<i>X-linked disorders through the lens of organelle communication</i>	Felicia Basilicata
11:00 – 11:12	<i>The role of the deubiquitinating enzyme CYLD in sexual dimorphism of autism</i>	Ari Waisman, Michael Schmeisser
11:12 – 11:24	<i>Gender specific tRNA expression and RNA modification in mouse brain</i>	Mark Helm
11:24 – 11:36	<i>Dissecting sex, hormonal impact, and traces of adversity from individual cortical microcircuit function and phenotype signatures: a cross-scales and data driven approach</i>	Marianne Müller, Albrecht Stroh
11:36 – 11:48	<i>Early sensory overstimulation to reveal gender-specific vulnerabilities: from epigenome to networks and behavior in man and mouse</i>	Oliver Tüscher, Albrecht Stroh, Susann Schweiger
11:48 – 12:00	<i>TRPC6 dependent gender differences in cognition</i>	Kristina Friedland



For further information please contact Yasmin Luke:
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12:00 – 12:10	Short wrap-up of session II	
12:10 – 12:55	Lunch	Foyer BioCenter I
12:55 – 14:07	Session III	Chair: Peter Baumann
	<i>6 talks (9 min + 3 min discussion)</i>	
12:55 – 13:07	<i>X-reactivation in neural differentiation</i>	Susann Schweiger
13:07 – 13:19	<i>The impact of sex in neurodevelopment and psychiatric disorders</i>	Hristo Todorov
13:19 – 13:31	<i>X-reactivation and sexual dimorphism in type I interferon controlled immune response</i>	Hans-Christian Probst
13:31 – 13:43	<i>Sex specific transcription pattern in patients with rheumatism</i>	Susanne Gerber, Andreas Schwarting
13:43 – 13:55	<i>Sex and adversity: the role of POGZ</i>	Jennifer Winter, Hristo Todorov
13:55 – 14:07	<i>Investigating sex differences in ferroptosis in D. melanogaster</i>	Li Zhang
14:07 – 14:45	Wrap-up and discussion	Susann Schweiger and Peter Baumann

Parking: At the end of Dahlheimer Weg

3 min walk to main entrance of BioCenter I on Hanns-Dieter-Hüsch-Weg 15



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