

Program

Session 1

		Oct 4, 2021					Oct 5, 2021		
		Honolulu	Los Angeles	New York	London	Paris	Tokyo	Melbourne	
Welcome	Dagmar & Humphrey	10:00-10:10	13:00-13:10	16:00-16:10	21:00-21:10	22:00-22:10	5:00-5:10	7:00-7:10	
Plenary 1	Blanche Capel	10:10-11:00	13:10-14:00	16:10-17:00	21:10-22:00	22:10-23:00	5:10-6:00	7:10-8:00	
Talk 1	Sydney Wyatt	11:00-11:15	14:00-14:15	17:00-17:15	22:00-22:15	23:00-23:15	6:00-6:15	8:00-8:15	
Talk 2	Katie Ayers	11:15-11:30	14:15-14:30	17:15-17:30	22:15-22:30	23:15-23:30	6:15-6:30	8:15-8:30	
Talk 3	Saniya Rattan	11:30-11:45	14:30-14:45	17:30-17:45	22:30-22:45	23:30-23:45	6:30-6:45	8:30-8:45	
Talk 4	Samuel Cripps	11:45-12:00	14:45-15:00	17:45-18:00	22:45-23:00	23:45-0:00	6:45-7:00	8:45-9:00	
break		12:00-12:30	15:00-15:30	18:00-18:30	23:00-23:30	0:00-0:30	7:00-7:30	9:00-9:30	
Talk 5	Fei Zhao	12:30-12:45	15:30-15:45	18:30-18:45	23:30-23:45	0:30-0:45	7:30-7:45	9:30-9:45	
Talk 6	Jane Fenelon	12:45-13:00	15:45-16:00	18:45-19:00	23:45-0:00	0:45-1:00	7:45-8:00	9:45-10:00	
Talk 7	Jonathan Carver	13:00-13:15	16:00-16:15	19:00-19:15	0:00-0:15	1:00-1:15	8:00-8:15	10:00-10:15	
Talk 8	Ryuki Shimada	13:15-13:30	16:15-16:30	19:15-19:30	0:15-0:30	1:15-1:30	8:15-8:30	10:15-10:30	
Poster session 1	Australia/Asia/US	13:45-13:45	16:45-17:45	19:45-20:45	0:45-1:45	1:45-2:45	8:45-9:45	10:45-11:45	

Talk titles

Plenary 1	Blanche Capel	TBA
Talk 1	Sydney Wyatt	Wnt9b is required with Wnt4a for female development in zebrafish.
Talk 2	Katie Ayers	SART3 variants cause a novel spliceosomopathy characterised by neurodevelopmental defects and 46, XY gonadal dysgenesis.
Talk 3	Saniya Rattan	Two paths diverged in the fetal mouse ovary, sorry I could not travel both.
Talk 4	Samuel Cripps	Investigating a potential link between exposures to estrogenic-EDCs and risk of erectile dysfunction.
Talk 5	Fei Zhao	Contribution of the Wolffian duct mesenchyme to the formation of the female reproductive tract.
Talk 6	Jane Fenelon	Characterisation of the sex determining candidate gene AMHY in the developing echidna.
Talk 7	Jonathan Carver	Folliculogenesis deficiency leads to follicle loss and male phenotype in adult <i>Adamts9</i> KO zebrafish (<i>Danio rerio</i>).
Talk 8	Ryuki Shimada	STRA8 plays multiple roles in gonadal germ cell development and meiotic cell cycle in mouse female.

Session 2

		Oct 5, 2021					Oct 6, 2021	
		Honolulu	Los Angeles	New York	London	Paris	Tokyo	Melbourne
Talk 9	Emilie Dujardin	2:00-2:15	5:00-5:15	8:00-8:15	13:00-13:15	14:00-14:15	21:00-21:15	23:00-23:15
Talk 10	Denis Houzelstein	2:15-2:30	5:15-5:30	8:15-8:30	13:15-13:30	14:15-14:30	21:15-21:30	23:15-23:30
Talk 11	Astrid Böhne	2:30-2:45	5:30-5:45	8:30-8:45	13:30-13:45	14:30-14:45	21:30-21:45	23:30-23:45
break		2:45-3:00	5:45-6:00	8:45-9:00	13:45-14:00	14:45-15:00	21:45-22:00	23:45-0:00
Talk 12	Nitzan Gonen	3:00-3:15	6:00-6:15	9:00-9:15	14:00-14:15	15:00-15:15	22:00-22:15	0:00-0:15
Talk 13	Mateus Adolfi	3:15-3:30	6:15-6:30	9:15-9:30	14:15-14:30	15:15-15:30	22:15-22:30	0:15-0:30
Talk 14	Cyril Djari	3:30-3:45	6:30-6:45	9:30-9:45	14:30-14:45	15:30-15:45	22:30-22:45	0:30-0:45
break		3:45-4:00	6:45-7:00	9:45-10:00	14:45-15:00	15:45-16:00	22:45-23:00	0:45-1:00
Talk 15	Corey Bunce	4:00-4:15	7:00-7:15	10:00-10:15	15:00-15:15	16:00-16:15	23:00-23:15	1:00-1:15
Talk 16	Shuyun Li	4:15-4:30	7:15-7:30	10:15-10:30	15:15-15:30	16:15-16:30	23:15-23:30	1:15-1:30
Talk 17	Thea Gessler	4:30-4:45	7:30-7:45	10:30-10:45	15:30-15:45	16:30-16:45	23:30-23:45	1:30-1:45
Poster session 2	US/Europe	5:00-6:00	8:00-9:00	11:00-12:00	16:00-17:00	17:00-18:00	0:00-1:00	2:00-2:00

Talk titles

Talk 9	Emilie Dujardin	DMRT1 is required for sex determination in rabbits.
Talk 10	Denis Houzelstein	A conserved SF1-responsive enhancer of SRY expression is required for testis-determination.
Talk 11	Astrid Böhne	Sex (chromosome) evolution in rapidly diversifying cichlid fishes.
Talk 12	Nitzan Gonen	Differentiating mouse and human pluripotent stem cells towards gonadal progenitors: A system to model DSD patients <i>in vitro</i> .
Talk 13	Mateus Adolfi	Crosstalk between retinoic acid and sex-related genes in Medaka.
Talk 14	Cyril Djari	Expression of <i>Wnt5a</i> defines the major progenitors of fetal and adult Leydig cells.
Talk 15	Corey Bunce	Biased supporting cell precursor ingression explains center-bias Sertoli fate in the mouse gonad.
Talk 16	Shuyun Li	Perivascular cells support folliculogenesis in the developing ovary.
Talk 17	Thea Gessler	Developmental trajectories of urogenadal genome-wide gene expression reveal retention of thermosensitivity despite evolution of turtle sex chromosomes 145 mya.

Session 3

Oct 5, 2021

Oct 6, 2021

		Honolulu	Los Angeles	New York	London	Paris	Tokyo	Melbourne
Plenary 2	Richard Behringer	10:00-10:50	13:00-13:50	16:00-16:50	21:00-21:50	22:00-22:50	5:00-5:50	7:00-7:50
Talk 18	Victor Ruthig	10:50-11:05	13:50-14:05	16:50-17:05	21:50-22:05	22:50-23:05	5:50-6:05	7:50-8:05
Talk 19	Xiaowei Gu	11:05-11:20	14:05-14:20	17:05-17:20	22:05-22:20	23:05-23:20	6:05-6:20	8:05-8:20
Talk 20	Dan Bird	11:20-11:35	14:20-14:35	17:20-17:35	22:20-22:35	23:20-23:35	6:20-6:35	8:20-8:35
break		11:35-11:50	14:35-14:50	17:35-17:50	22:35-22:50	23:35-23:50	6:35-6:50	8:35-8:50
Talk 21	Svenja Pachernegg	11:50-12:05	14:50-15:05	17:50-18:05	22:50-23:05	23:50-0:05	6:50-7:05	8:50-9:05
Talk 22	Martin Estermann	12:05-12:20	15:05-15:20	18:05-18:20	23:05-23:20	0:05-0:20	7:05-7:20	9:05-9:20
Talk 23	Sarah Whiteley	12:20-12:35	15:20-15:35	18:20-18:35	23:20-23:35	0:20-0:35	7:20-7:35	9:20-9:35
Talk 24	Ryuichi Nakagawa	12:35-12:50	15:35-15:50	18:35-18:50	23:35-23:50	0:35-0:50	7:35-7:50	9:35-9:50
Trivia	Craig Smith	13:00	16:00	19:00	0:00	1:00	8:00	10:00

Talk titles

Plenary 2	Richard Behringer	TBA
Talk 18	Victor Ruthig	RBFOX2 partially directs urethral formation after sex determination in male genital tubercle development.
Talk 19	Xiaowei Gu	Origins and development of testicular macrophages from embryogenesis to adulthood.
Talk 20	Dan Bird	Folliculogenesis and oocyte survival in mammalian ovaries is dependent on ATP6AP2.
Talk 21	Svenja Pachernegg	Developing a novel protocol to differentiate human induced pluripotent stem cells into testis organoids.
Talk 22	Martin Estermann	Divergent gonadal cell origin and lineage specification in amniotes revealed by single-cell transcriptomics.
Talk 23	Sarah Whiteley	Temperature induced sex reversal in the dragon lizard, <i>Pogona vitticeps</i> , is associated with splicing of novel JARID2 and KDM6B isoforms.
Talk 24	Ryuichi Nakagawa	Two ovarian enhancer candidates, identified by time series enhancer RNA analyses, harbored rare SNVs identified in ovarian insufficiency.

Session 4

Oct 6, 2021

Oct 7, 2021

		Honolulu	Los Angeles	New York	London	Paris	Tokyo	Melbourne
Plenary 3	Alain Chedotal	2:00-2:50	5:00-5:50	8:00-8:50	13:00-13:50	14:00-14:50	21:00-21:50	23:00-23:50
Talk 25	Chloe Mayere	2:50-3:05	5:50-6:05	8:50-9:05	13:50-14:05	14:50-15:05	21:50-22:05	23:50-0:05
Talk 26	Richard Reeves	3:05-3:20	6:05-6:20	9:05-9:20	14:05-14:20	15:05-15:20	22:05-22:20	0:05-0:20
Talk 27	Günes Taylor	3:20-3:35	6:20-6:35	9:20-9:35	14:20-14:35	15:20-15:35	22:20-22:35	0:20-0:35
break		3:35-3:50	6:35-6:50	9:35-9:50	14:35-14:50	15:35-15:50	22:35-22:50	0:35-0:50
Talk 28	Shannon Keating	3:50-4:05	6:50-7:05	9:50-10:05	14:50-15:05	15:50-16:05	22:50-23:05	1:50-1:05
Talk 29	Basanta Bista	4:05-4:20	7:05-7:20	10:05-10:20	15:05-15:20	16:05-16:20	23:05-23:20	1:05-1:20
Talk 30	Yen-Sha Chen	4:20-4:35	7:20-7:35	10:20-10:35	15:20-15:35	16:20-16:35	23:20-23:35	1:20-1:35
Talk 31	Ciro Amato	4:35-4:50	7:35-7:50	10:35-10:50	15:35-15:50	16:35-16:50	23:35-23:50	1:35-1:50
Closing remarks	Humphrey Yao	4:50-5:00	7:50-8:00	10:50-11:00	15:50-16:00	16:50-17:00	23:50-0:00	1:50-2:00

Talk titles

Plenary 3	Alain Chedotal	3D analysis of sexual differentiation in human embryo
Talk 25	Chloe Mayere	Origin, specification and differentiation of a rare supporting-like lineage in the developing mouse gonad.
Talk 26	Richard Reeves	Gonadal sex reversal at single-cell resolution.
Talk 27	Günes Taylor	Foxl2 is required for ovarian development during chicken sex determination.
Talk 28	Shannon Keating	Dosage imbalance of the crested gecko (<i>Correlophus ciliatus</i>) ZZ/ZW sex chromosomes.
Talk 29	Basanta Bista	Does the youngest turtle sex chromosome system (<i>Glyptemys insculpta</i> 's XX/XY) exhibit dosage compensation?
Talk 30	Yen-Sha Chen	Evolutionary tinkering and hopeful monsters in the biochemical rewiring of mammalian sex determination.
Talk 31	Ciro Amato	A hindlimb derived cell population is necessary in penis formation.