June 1 2022 , Morning Sessions

7:45-8:25 Breakfast- Poster set up		
8:30-8:35 Welcome	**Jiangping Wu**	
8:35-10:15 Session I: Signal	**Co-Chairs: Massimiliano Tognolini and Giovanna Tosato**	
8:35-9:00	Versatility of EphA2 receptor signaling mechanisms	Elena B. Pasquale
9:00-9:25	Molecular basis of functional oligomerization of EphA2	Xiaojun Shi
9:25-9:50	Eph receptor structures and signaling: of head, core, and tail	Dimitra Nikolov
9:50:10:15	Decoding the specific interaction code of EPH Receptors SAM domains provides tools to switch their downstream signaling	Liu Wei Zoom
10:15-10:45 Break		
10:45-12:00 Session II: Neurosciences	**Co-Chairs: Elena Pasquale and Bingchen Wang**	
10:45-11:10	EPH: Ephrin signaling in apical progenitors of the developping neocortex	Alice Davy
11:10-11:35	WERDS complex regulates apical constriction via crosstalk with Wnt components	Jaeho Yoon
11:35-12:00	Eph/Ephrin signalling regulates gene expression at rhombomere boundaries through the activation of Yap/Taz	Jordi Cayuso
12:00-13:30	**Lunch and poster session**	

June 1 2022 Afternoon Sessions

13:30-15:10 Session III: Signa	**Co-Chairs: Andrew Frewald and Nicolas Bisson**	
13:30-13:55	Direct quantification of ligand-induced lipid and protein microdomains	Kalina Hristova
13:55-14:20	Decoding EphA2 interactions in live cells with PIE-FCCS	Adam W. Smith
14:20-14:45	Structural and functional studies of the effects of phosphorylation on ephrin receptor tyrosine kinase, EPHA2,	Matthias Buck
14:45-15:10	Proteomic analyses of EPH receptors reveal new regulation mechanisms and biological functions	Nicolas Bisson
15:10-15:40 Break		
15:40-17:10 Session IV: Tumc	**Co-Chairs: Massimiliano Tognolini and Elena Pasquale**	
15:40-16:05	Clinical significance of Ephrin receptor (EPH)-B1, -B2, -B4 AND -B6 expression in thymic epithelial tumours	Stamatios Theocharis (Zoom)
16:05-16:30	Cell competition in adult pancreas tissues in vivo requires functional EphA2	Catherine Hogan (Zoom)
16:30-16:55	EphA2 and EphA4 targeting agents for the development of innovative therapeutics in oncology and neurodegeneration	Maurizio Pellecchia (Zoom)
17:00-:17:15 Group Photo		
17:30-21:00 Cocktail and dinner		

June 2, 2022 Morning Sessions

7:45-8:30 Breakfast		
8:30-10:10 Session V: Tumor	**Co-Chairs: Elena Pasquale and Andrew Frewald**	
8:30-8:55	EphA3 and ephrin A5 discrete expression gradients function to promote glioblastoma heterogeneity phenotypes	Bryan Day (Zoom)
8:55-9:20	Inhibition or targeting of EphA3 expression in cancer associated fibroblast subtypes inhibits tumour growth	Peter Janes (Zoom)
9:20-9:45	Identification of Eph receptor Signaling as a Therapeutic Target in Colorectal Carcinoma	Michael DiPrima
9:45-10:15 Break		
10:15-11:55 Session VI: Newl	**Co-Chairs: Giovanna Tosato and Binchen Wang**	
10:15-10:40	Altered Eph-ephrin signaling disrupts brain circuit formation and produces developmental neurological disorders in	Lawrence Kromer (Zoom)
10:40-11:05	EPHB4 regulates pacing cell development and heart rate	Jiangping Wu
11:05-11:30	The roles of EphA receptors and ephrinA in memory formation	Raphael Lamprecht
11:30-12:45 Lunch		

June 2 2022 Afternoon Sessions

12:45-14:25 Session VII: Cardiovascular	**Co-Chairs: Jiangping Wu and Phil King**	
12:45-13:10	An EPHB4-RASA1 signaling axis that regulates blood and lymphatic vascular development and function	Phil King
13:10-13:35	Function of endothelial EphB4 and ephrin-B2 in angiogenesis, arterio-venous differentiation and heart homeostasis	Mara Pitulescu (Zoom)
13:35-14:00	EphA2 serves as a gateway for a fungal pathogen into the central nervous system.	Angie Gelli
14:00-14:25	EphA2 contributes to disruption of the blood-brain barrier in cerebral malaria	Tracey Lamb (Zoom)
14:25-14:50 Break		
14:50-15:50: Session VIII: Trainee Presentation	**Co-Chairs: Bingchen Wang and Jiangping Wu**	
14:50-15:05	Rhynchophylline, an inhibitor of the EphA4 receptor, modifies sleep architecture in mice	Maria Roig Ballester
15:05-15:20	Optogenetic Control of EphB Kinase Activity and the EphB-ephrinB Interaction in Filopodial Movement	Yu-Ting Mao
15:20-15:35	The ubiquitin ligase and scaffold MYCBP2 is required for EphB2 signaling	Chao Chang
15:35-15:50	Pan-cancer analysis of EPHB1 receptor mutations	Luis Nunes
15:50-16:00 Concluding Remarks and	**Jiangping Wu**	