



19th International Histocompatibility Summer School Preliminary Program

DAY 1		
Arrival of Participants		
18:00-18:30	Registration	
18:30-19:30	Reception cocktail	
19:30 -	Dinner at hotel	
DAY 2		
08:30 – 10:00	Introduction to HLA and H&I	
	HLA antigens: structure, nomenclature, polymorphism, inheritance and biological role	
	HLA antibody testing and crossmatching techniques	
	HLA typing methods	
10:00-10:30	COFFEE BREAK	
10:30-12:30	Abstract session by participants I (12 mins each)	
12:30-13:30	LUNCH at hotel	
13:30-15:00	Bioinformatics in H&I	
	Hands on workshop	
15:00-16:00	HLA and diseases	
	Immunogenetics and epigenetics: General Overview	
	HLA and disease associations in clinical practice	
	HLA and drug hypersensitivity	
16:00-16:30	COFFEE BREAK	
16:30-18:30	Abstracts session by participants II (12 mins each)	
19:30 -	SOCIAL EVENT in hotel	
DAY 3		
09:00-11:00	Solid organ transplantation	
	The role of Histocompatibility in kidney/pancreas transplantation	
	The role of histocompatibility in liver, heart and lung transplantation	
	Rejection and post-transplant monitoring	
	Virtual crossmatch strategies	

11:00-11:30	COFFEE BREAK	
11:30-13:30	Abstracts session by participants III (12 mins each)	
13:30-14:30	LUNCH at hotel	
14:30-16:30	Hematopoietic Stem Cell Transplantation (HSCT) and transfusion Medicine	
	HLA for Donor Selection in HSCT	
	KIR in HSCT	
	Chimerism and engraftment monitoring	
	The role of HLA and non-HLA in Transfusion Medicine	
16:30-17:00	COFFEE BREAK	
17:00-19:00	Abstracts session by participants IV (12 mins each)	
19:30 -	Dinner at HOTEL	
DAY4		
08:30-10:30	New methods and trends in H&I	
	New direction in HLA typing (NGS/nanopore technologies)	
	AI in H&I	
	Machine learning as a tool in prediction of de novo DSA	
	Donor derived cell free DNA in solid organ transplantation	
	Xenotransplantation	
10:30-11:00	COFFEE BREAK	
11:00-13:00	Abstracts session by participants V (12 mins each)	
13:00-13:30	Closing Remarks and goodbyes	