Day 1 (Afternoon):					
A 14H	**Session 1: omics general approaches** (1h + 2x30 min),				
	Keynote	M Robinson	Introduction		
	Organizer	S Blanchoud	Genomics		Introduction of Session
	Maristem	H Lohelaid	Metabolomics		
16H	*Coffee-break* 20 min				
B 16H20	**Interactive description on design of omics experience and treatment of omics data** (2h, 30 min per station)				
	S Blanchoud	M Robinson		Genomics	Mark Introduction
	P Oliveri	J Solana		Transcriptomics	Each student should stay
	AV Coelho	J Armengaud	F Herrera	Proteomics	30 min in each station
	H Lohelaid	AV Coelho		Metabolomics	to discuss each topic
Day 2 (Morning):					
C 8H30	**Session 2: Previous experiences in stem cell characterization by omics** (2h, 2x 50 min+2x10min discussion)				
	Keynote	J Solana	Transcriptomics		
	Organizer	F Herrera	Proteomics		Introduction of Session
10H	*Coffee-break* 20 min				
C 10H20	**Session 2: Previous experiences in stem cell characterization by omics** (30 min+45 min)				
	Organizer	AV Coelho	Proteomics/metabolomics		Introduction of Session
	Maristem	J Armengaud	Proteogenomics		
D 11H35	**Round table on applications of omics approaches** (1h+15 min)				
	Invited	J Solana			
	Invited	A Klimovich			
	Invited	M Robinson			
	Maristem	J Armengaud			Chair
13H	*Lunch 1,5h*				
Day 2 (Afternoon):					
E 14h30	**Thematic round tables involving small groups of participants and scientists**, (1,5h)				
	S Blanchoud	M Robinson		Genomics	Simon Introduction
	P Oliveri	A Klimovich	J Solana	Transcriptomics	Each student will choose
	AV Coelho	J Armengaud	F Herrera	Proteomics	1/2 round tables
	H Lohelaid	AV Coelho		Metabolomics	to discuss their project
16H	*Coffee-break*				
17H	Poster presentations and discussions (3,5h);				
20H	*Workshop Diner (max 3h)*				
Day 3 (Morning):					
F 9H	**Session 3: Combination of omics and other experimental approaches relevant for MISC characterization** (2h, 4x30min),				
	Keynote	A Klimovich	Transgenics		Fede Intro. of Session
	Invited	J Solana	Single-cell methods		
	Maristem	P Olivieri	Gene regulation networks		
11H	*Coffee-break* 20 min				
G 11H20	**Round table experimental on strategies for the identification of MISCs** (1h)				Chair Paola Olivieri
	All, except M Robinson				
13H	*Farewell Buffet 1h*				