

**EXPLOITATION OF CEREAL GENOMIC DIVERSITY FOR CROP IMPROVEMENT UNDER CLIMATE CHANGE**  
**Sfax (Tunisia), 3-7 October 2022**

Hour	Monday 3	Tuesday 4	Wednesday 5	Thursday 6	Friday 7
9:00-10:00	Opening	Genotyping A. Fricano, B. Contreras	Breeding crops in a climate change framework L. Cattivelli	Genomic selection A. Fricano	Genetic transformation R. Battaglia, M. Hanin
10:00-11:00	Types of germplasm E. Igartua		Strategies to cope with climate change M. Sanchez-Garcia		
Coffee break					
11:30-12:30	Genotyping A. Fricano, B. Contreras	Genotyping A. Fricano, B. Contreras	Climate change challenges, the physical environment and climate modelling (drought, heat, biotic stress) L. Paleari	Genomic selection A. Fricano	Speed breeding L. Hickey (online)
12:30-13:30		Phenotyping A. Visioni		Introduction to functional crop modelling for breeding A. Perego	Practical: in silico analysis of gene expression data R. Battaglia
Lunch					
15:00-16:00	Phenotyping A. Visioni	GWAS E. Igartua	Social Event	Functional genomics, from QTL to genes R. Battaglia, M. Hanin	Practical: in silico analysis of gene expression data R. Battaglia
16:00-17:00		Practical: GWAS analysis E. Igartua			Final discussion E. Igartua, A. Fricano, R. Battaglia, M. Hanin, L. Hickey, A. Visioni, T. Jarrahi, A. Elleuch
17:00-18:00	Low tech approaches for heat tolerance in Morocco A. Visioni			Practical: Genomic selection A. Fricano	Closing
18:00-19:00	Low tech approaches for drought tolerance in Tunisia A. Ben Araar				

