

Monday, May 28

9.00	Reception and Registration
14.00	Opening Session
14.45	Plenary 1 H. de Lencastre , ITQB/UNL, U. Rockefeller, USA “Methicillin resistance in <i>Staphylococcus aureus</i> : mechanisms and evolution”
15.45	Break Posters
	Symposium 1 Genetic Disorders and Health
16.15	S. Lourenço Classical Galactosemia: First intronic variation characterized as disease-causing mutation
16.30	I. Silva Genotype and phenotype variation of <i>Burkholderia multivorans</i> sequential isolates during long-term colonization of the airways of cystic fibrosis patients
16.45	M. Reverendo Zebrafish as a model system of proteotoxic stress induced by mRNA mistranslation
17.00	J.M. Xavier Gene Expression and disease association analyses implicate EREG-AREG and NRG1 in susceptibility to Behçet’s Disease
17.15	A.C. Adrião Zebrafish as a model to unveil and study skeletal phenotypes related to human MEF2C mutations
17.30	Welcome cocktail
17.45	Assembleia Geral SPG

Tuesday, May 29

9.00	Plenary 2 M. Amaral , BioFIG, FC/UL "From siRNA Screens to Drugs: Illuminating the Cell to Understand Cystic Fibrosis"
10.00	Symposium 2 Gene Regulation and Signaling Pathways A.S. Ferreira Involvement of the BceF tyrosine kinase in stress response, biofilm formation and virulence in <i>Burkholderia cepacia</i> IST408 clinical isolate
10.15	B. Costa Gomes Epigenetic Regulation of microRNAs Expression in Breast Cancer
10.30	Coffee Break Posters
11.15	Symposium 2 Gene Regulation and Signaling Pathways J. Menino Gene silencing of the negative regulator of inorganic sulfur assimilation SconC affects virulence of the fungal pathogen <i>Paracoccidioides brasiliensis</i>
11.30	R.G. Martinho Tissue specific requirements of <i>Drosophila</i> NTC complex in pre-mRNA splicing and transcriptional elongation
11.45	J. Rezende-Gomes Functional analysis of mating genes of the dimorphic fungal pathogen <i>Paracoccidioides brasiliensis</i>
12.00	M. Saramago Bacteria can silence genes too: RNase III and small RNAs seek and destroy outer membrane transcript
12.15	A. Henriques Morphodynamics of spore differentiation in relation to pathogenesis in <i>Clostridium difficile</i>
12.30	Lunch Posters
14.15	Plenary 3 C. Sunkel , IBMC, UPorto "The role of the mitotic checkpoint in chromosome segregation and tumorigenesis"
15.15	Symposium 3 Plant Genetics and Genomics H.S. Pereira Rye supernumerary (B) chromosomes may confer heat tolerance during meiosis
15.30	R. Diz Analysis of heat-stress induced genomic modifications in retrotransposon related sequences in <i>Vitis vinifera</i>
15.45	A. Milhinhos Thermospermine - a small polycation with large impact in vascular development of poplar
16.00	E. Veríssimo DNA sequence analyses of Phytoene Synthase (Psy) gene in Portuguese durum wheat varieties
16.15	Coffee Break Posters
17.00	Symposium 3 Plant Genetics and Genomics F. Reis Fungal community of chestnut grove: influence of <i>Hypholoma fasciculare</i>
17.15	A. Soares Microsatellite analysis of putative grapevine berry colour mutants
17.30	Plenary 4 W. Viegas , CBAA, ISA/UTL "Selfish chromosomes: does evolutionary endurance occur without benefits?"

Wednesday, May 30

9.00	Plenary 5 C. Hittinger , U. Wisconsin, USA “Surprises in <i>Saccharomyces</i> genetic diversity: Evolutionary tales from a budding model genus”
10.00	Symposium 4 Genetics and Biotechnology A. Bezerra Genetic code engineering generates genetic and phenotypic diversity in the human pathogen <i>Candida albicans</i>
10.15	J. Sá-Pessoa Uncovering the Short-Chain Fatty Acids transporters in <i>Escherichia coli</i>
10.30	Coffee Break Posters
11.15	Symposium 4 Genetics and Biotechnology M. Cordeiro Optimisation of Spectral Codification coupled to SBE for genotyping
11.30	F. Pereira A protein required for efficient host colonization by <i>Clostridium difficile</i> is an abundant component of the spore surface layers
11.45	S. Correia Vancomycin-Resistant <i>Enterococci</i> from Portuguese hemodialysis patients: molecular characterization of antimicrobial resistance, virulence and clonality
12.00	A.E. Simões Cetuximab as a delivery tool for small non-coding RNAs to colon cancer
12.15	Lunch Posters
14.15	Plenary 6 N. Ferrand , CIBIO/InBIO, UPorto “The genomics of rabbit domestication”
15.15	Symposium 5 Evolution and Population Genetics G. Seixas Dengue Vector in Madeira: geographical origin and insecticide resistance
15.30	A.T. Avelar Chromosome structure is a selectable trait
15.45	M. David-Palma Plant associations, extreme diversifying selection and phylogeography of astaxanthin-producing yeasts
16.00	F. Azancot RAGE T-374A polymorphism as a protective genetic factor for diabetic retinopathy and macular edema
16.15	Coffee Break Posters
17.00	Symposium 5 Evolution and Population Genetics J. Cipriano Evidences from a preliminary molecular study of the probable existence of a native population of Scots Pine (<i>Pinus sylvestris</i> L.) in Portugal
17.15	J. Vieira Are all mth-like genes involved in lifespan determination?
17.30	Awards and closing Session