



XL Jornadas Portuguesas de Genética

2-3 Junho 2016 Universidade de Coimbra

| Number | Presenting Author | Title |
|--------|------------------------|--|
| 1 | Ana Gonçalves | DGGE - the useful tool to clarify decomposer-detritivore relationships in streams |
| 2 | Maria Costa | Identification of the type III secretion signal of CT105, a <i>Chlamydia trachomatis</i> virulence protein |
| 3 | Rosana Alves | Carboxylic acid transporters Jen1 and Jen2 affect <i>Candida albicans</i> biofilms' formation and susceptibility to fluconazole |
| 4 | Paulo Veloso | Expression of a cold adapted xylanase in <i>Saccharomyces cerevisiae</i> for xylan metabolism |
| 5 | Sara Silva | Functional analysis of bacterial multitask ATPases belonging to type I ABC-transport systems |
| 6 | Isabel Carvalho | MALDI-TOF applied to study of antibiotic resistance in <i>Escherichia coli</i> and <i>Enterococcus</i> spp. isolated from Miranda Donkey (<i>Equus asinus</i>) |
| 7 | Leonilde Moreira | <i>Burkholderia multivorans</i> OmpR response regulator controls an adaptive response to cell envelope stress with implications in pathogenesis |
| 8 | Cinthia Barroco | Capsular polysaccharide (cps) typing of <i>Streptococcus agalactiae</i> from Bovine Mastitis |
| 9 | Lígia Fão | Induction of oxidative stress by amyloid-beta1-42 in mature hippocampal neurons: linking Src activity to Alzheimer's disease |
| 10 | Ana Fernandes | Genotyping of polymorphisms 516G>T and 785A>G for featuring the interindividuality variability in antiretroviral therapy. |
| 11 | Filipa Almeida | Machado-Joseph disease models exhibit impaired mitochondrial function |
| 12 | Fátima Pinheiro | Array chromosome genomic hybridization in the identification of an interstitial chromosome 13 deletion in a patient with intellectual disability |
| 13 | Ana Escudeiro | Mapping bovine satellite DNA families in chromosomes from Bovidae genomes – An <i>in silico</i> and cytogenetic approaches |
| 14 | Ana Mendes-da-Silva | Genomic <i>in silico</i> analysis of the major satellite DNA family of <i>Felis catus</i> – FA-SAT |
| 15 | Ana Mendes-da-Silva | Genome-wide analysis of highly repetitive sequences in the deer mouse genome |
| 16 | Sara Inácio-Felício | Disclosing the Satellite DNA pattern in the gibbon <i>Nomascus leucogenys</i> Y chromosome |
| 17 | Liliana Meireles-Costa | A comparative Y-chromosome map between the gibbon <i>Nomascus leucogenys</i> and humans |
| 18 | Edgar Lopes | Identification of molecules and pathways regulating mistranslation in <i>Candida albicans</i> |



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| 19 | Marta Vitorino | Gla-rich protein deficient mice born from homozygous mutant progenitors show cartilage and bone defects |
| 20 | Marta Vitorino | Zebrafish as model for bone diseases associated with Rett syndrome |
| 21 | Jorge Casinhas | Study of exoribonucleases relevant for virulence of <i>Campylobacter jejuni</i> |
| 22 | Lisete Galego | Unravelling the role of <i>Escherichia coli</i> <i>BolA</i> , a transcriptional switch that represses motility and promotes biofilm formation |
| 23 | Natércia Conceição | Bioinformatic Analysis of <i>CCDC3</i> gene: A Potential Contributor for Paget Disease of Bone? |
| 24 | Natércia Conceição | Functional study of <i>OPTN</i> promoter: new <i>OPTN</i> regulators and effect of genetic variants |
| 25 | Mónica Ferreira | Genomic characterization of bread wheat diversity related to grain quality traits |
| 26 | Ana Alinho | The role of NEP-TC in the somatic embryogenesis of tamarillo (<i>Solanum betaceum</i>) |
| 27 | Ana Pedrosa | Analysis of Random Amplified Polymorphic DNA (RAPD) of yellow and red varieties of Tamarillo (<i>Solanum betaceum</i> Cav.) |
| 28 | Filipe Pereira | Functional characterization of three <i>Arabidopsis thaliana</i> tRNA/rRNA methyltransferases (SpoU family) |
| 29 | Alexandra Dias | Portuguese <i>Pinus nigra</i> Arnold: genetic diversity, structure and origin determination |
| 30 | Diana Gomes | Formulation of biocomposites based on recombinant proteins and plant essential oils for the development of active wound dressings |
| 31 | Rui Machado | Antimicrobial activity of genetically engineered silk-elastin-like composite materials |
| 32 | Augusto Barbosa | Production and purification of <i>Candida albicans</i> Cht3 and Sap2 in <i>E. coli</i> : novel recombinant subunit antigens |
| 33 | Mário Barroca | Engineering a commercial cold-adapted xylanase for improved acid pH stability |
| 34 | Fátima Pinheiro | Analysis of <i>TLR9</i> gene in Periodontal Disease in <i>Canis familiaris</i> |
| 35 | David Ribas | Yeast as a tool to express carboxylic acid transporters with biotechnological interest |
| 36 | Ana Guimarães | Codon ambiguities as a mechanism to alter the genetic code in <i>Saccharomyces cerevisiae</i> |