



XL Jornadas Portuguesas de Genética

Program

June 2–3, 2016

**Departamento de Ciências da Vida
Universidade de Coimbra**



DEPARTAMENTO DE
CIÊNCIAS DA VIDA
FCTUC



Centro de Ecologia Funcional

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Timetable

02-06-2016 (Thursday)		03-06-2016 (Friday)	
08:30-10:00	Registration	09:00-09:45	Plenary session 4 (Margarida Casal)
10:00-10:30	Opening Session	09:45-10:45	Session 4 (Gene Regulation and Expression)
10:30-11:30	Plenary Session 1 (Cecília Arraiano)	10:45-11:15	Coffee Break and Poster Session (even numbers)
11:30-11:50	Coffee Break	11:15-12:00	Plenary session 5 (Jörg Becker)
11:50-13:00	Session 1 (Microbial Genetics)	12:00-13:00	Session 5 (Plant Genetics)
13:00-14:00	Lunch	13:00-14:00	Lunch
14:00-14:50	Plenary Session 2 (Pedro Soares)	14:00-14:45	Plenary session 6 (Liliana Marum)
14:50-15:30	Session 2 (Evolutionary Genomics)	14:45-15:45	Session 6 (Genetics and Biotechnology)
15:30-16:00	Coffee Break and Poster Session (odd numbers)	15:45-16:15	Awards* and Closure
16:00-16:50	Plenary Session 3 (Manuela Grazina)	16:15-17:15	Assembleia Geral SPG
16:50-17:50	Session 3 (Human Genetics)		
20:00	Congress dinner		

* Prize Prof. Doutor [Amândio Tavares](#) for the best oral presentation (CGC Genetics)

* Prize Prof. Doutor [Luís Archer](#) for the best poster (CGC Genetics)

Note: prizes will only be awarded to authors present at the closure session.

Program

Thursday, 2nd June 2016

08:30 Registration

10:00 Opening Session. Welcome and announcements.

10:30 Plenary session 1:

Microbial Genetics

Cecília Arraiano (ITQB / Universidade Nova de Lisboa)

11 :30 *COFFEE BREAK*

Session 1

Chairman: Cecília Arraiano

11:50 Dissecting the function of the *Legionella pneumophila* virulence factor VipA - Joana Bugalhão

12:10 Essential core residues of MurT/GatD complex for peptidoglycan amidation in *Staphylococcus aureus* - Bárbara Gonçalves

12:40 The influence of exoribonucleases in the regulation of stress related small RNAs - Afonso Bravo

13:00 *LUNCH*

14:00 Plenary session 2:

Evolutionary Genomics

Pedro Soares (Centro de Biologia Molecular e Ambiental, Departamento de Biologia, Universidade do Minho)

Session 2

Chairman: Pedro Soares

14:50 Evolution of *Burkholderia multivorans* during long-term chronic infection of a cystic fibrosis patient lung identifies important targets of selection - Leonilde Moreira

15:10 The settlement and split of the Sundaland Continent - Simão Rodrigues

15 :30 *COFFEE BREAK AND POSTER SESSION (ODD NUMBERS)*

16:00 Plenary session 3:

Human Genetics

Manuela Grazina (Faculdade de Medicina da Universidade de Coimbra e CNC - Centro de Neurociências e Biologia Celular, Universidade de Coimbra)

Session 3

Chairman: Manuela Grazina

16:50 Serotonin Transporter Genetic Polymorphisms (5-HTTLPR and rs25531) associated with psychological disturbances in healthy young adults - Manuela Alvarez

17:10 Association study between three MC4R variants and obesity-related variables in Portuguese young adults - Licínio Manco

17:30 Early programming of the oocyte epigenome temporally controls late prophase I transcription and chromatin remodeling - Rui Martinho

20 :00 *CONFERENCE DINNER*

Friday, 3rd June 2016

09:00 Plenary session 4:

Gene Regulation and Expression

Margarida Casal (Centro de Biologia Molecular e Ambiental, Departamento de Biologia, Universidade do Minho)

Session 4

Chairman: Margarida Casal

09:45 Role of RNA modification on proteome homeostasis - Joana Tavares

10:05 Uncovering the molecular structure of the AceTr transporter family - David Ribas

10:25 The extracellular pH influences the cytotoxicity and transport of 3-Bromopyruvate by monocarboxylate transporters in breast cancer cells - João Azevedo-Silva

10:45 *COFFEE BREAK AND POSTER SESSION (EVEN NUMBERS)*

11:15 Plenary session 5:

Plant Genetics

Jörg Becker (Instituto Gulbenkian de Ciência)

Session 5

Chairman: Jörg Becker

12:00 Evidences of early growth impairment and cytogenetic instabilities caused by zinc priming in *Triticum aestivum* L. - Ivo Paiva

12:20 Unravelling the molecular mechanism of Vitis grafting: transcriptional and posttranscriptional regulatory mechanisms - Maria Assunção

12:40 A Portuguese *E. globulus* land race? - Cristina Marques

13:00 *LUNCH*

14:00 Plenary session 6:

Genetics and Biotechnology

Liliana Marum (Klón - Innovative Technologies from Cloning)

Session 6

Chairman: Liliana Marum

14:45 Creation of antimicrobial biopolymers by the use of recombinant DNA technology - André da Costa

15:05 Overcoming acetate accumulation and plasmid instability for the high level production of silk-elastin-like proteins - Mário Barroca

15:25 Genetically engineered silk-based composite biomaterials functionalized with fibronectin type-II that promote cell adhesion - Ana Pereira

15:45 Awards and Closure

16 :15 Assembleia Geral SPG
