

# III<sup>rd</sup> National Meeting on RNA Biology

## 09:30-10:00 – Registration

**10:00-10:30** EFFECTS OF SPLICING ON TRANSCRIPTION AND mRNA STABILITY. Alexandre Teixeira.

**10:30-11:00** “AUG-PROXIMITY EFFECT”: WHAT MAKES mRNAs BEARING A SMALL ORF ESCAPE NMD? Ana Luísa Silva, Patrícia Ribeiro, Paula Faustino, Stephen A. Liebhaber, Luísa Romão

## 11:00-11:30 Coffee-break

**11:30-12:00** CFTR MISSENSE MUTATIONS RESULTING IN ALTERNATIVE TRANSCRIPTS. Anabela S. Ramalho, Celeste Barreto, Margarida D. Amaral.

**12:00-12:30** ALTERNATIVE SPLICING OF AN ARABIDOPSIS RING E3 UBIQUITIN LIGASE INVOLVED IN PLANT STRESS AND DEVELOPMENT. Sofia Carvalho, Paula Duque.

**12:30-13:15 – 1<sup>st</sup> Plenary talk**  
RNASE II: MODUS OPERANDI OF A MOLECULAR KILLER.  
Cecília M. Arraiano.

## 13:15-14:45 – Lunch

**14:45-15:30 – 2<sup>nd</sup> Plenary talk**  
THE STRUCTURE OF RNASE II AND ITS RNA-BOUND COMPLEX EXPLAINS THE ENZYME SPECIFICITY, ITS PROCESSIVITY AND DISTRIBUTIVE PROPERTIES, AND THE DYNAMICS OF RNA DEGRADATION. Carlos Frazão, Colin E. McVey, Mónica Amblar, Ana Barbas, Clemens Vornhein, Cecília M. Arraiano, Maria A. Carrondo.

**15:30-16:00** INTEGRITY OF P-BODIES IS NOT REQUIRED FOR RNA-MEDIATED GENE SILENCING. Ana Eulalio, Jan Rehwinkel, Isabelle Behm-Ansmant, Elisa Izaurralde.

**16:00-16:30** LARGE SCALE COMPARATIVE CODON CONTEXT ANALYSIS UNVEILS NOVEL RULES GOVERNING GENE EVOLUTION. Gabriela Moura, Miguel Pinheiro, Cristina Gomes, Adelaide Freitas, José Luís Oliveira and Manuel A. S. Santos.

**16:30-17:00 – Coffee-break**

**17:00-17:30** GENOME WIDE IDENTIFICATION OF FUNCTIONALLY DISTINCT SUBSETS CELLULAR mRNAs ASSOCIATED WITH THE MAMMALIAN SPLICING FACTORS U2AF65 AND PTB. Margarida Gama-Carvalho, Nuno L. Barbosa-Morais, Alex Brodsky, Pamela Silver, Maria Carmo-Fonseca.

**17:30-18:00** RNASE MUTANTS AND SMALL RNAs IN SALMONELLA TYPHIMURIUM. Sandra C. Viegas, Cecilia M. Arraiano.

**18:00-18:30** ALTERNATIVE POLYADENYLATION OF POLO IS REQUIRED FOR CORRECT DEVELOPMENT IN DROSOPHILA. Pedro Pinto, Alexandra Moreira.

**18:30-19:00** EPIGENETIC REGULATION OF miRNAs. Rui P. Neves, Sandra Weinhold, Simeon Santourlidis, Markus Uhrberg.