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**SUNDAY, JUNE 1**

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*All posters will be exhibited permanently*

**Session I: Splicing and Disease: Molecular Basis of Pathologies**

Chair: Nicholas Proudfoot

- 17:00-17:30      IRENE BOZZONI  
**AAV/antisense-mediated exon skipping as a strategy for the therapy of Duchenne Muscular Dystrophy**
- 17:30-18:00      FRANCISCO BARALLE  
**Multiple roles of TDP-43 in gene expression, splicing regulation, and human disease**
- 18:00-18:30      HARALD KÖNIG  
**Minor splicing: from basic insights to cancer therapy?**
- 18:30-19:00      Coffee Break
- 19:00-19:30      ROSELLA TUPLER  
**Dissecting the role of FRG1 in the pathogenesis of facioscapulohumeral muscular dystrophy**
- 19:30-19:45      KATHRIN MEYER  
**Splicing correction in mice as a step towards a therapy for Spinal Muscular Atrophy**
- 19:45-20:00      CHANTAL SELLIER  
**RNA gain of function diseases: Functional sequestration of specific RNA-binding protein by CGG expanded repeats as a model for FXTAS pathogenesis**
- 20:00-20:15      JUDITH POTASHKIN  
**NDUFS4 splicing regulation is disrupted in the brain and blood of MPTP mouse models of Parkinson's disease**
- 20:30              Dinner

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## MONDAY, JUNE 2

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### **Session I: RNA and Genetic Diseases I**

Chair: Adrian Krainer

- 09:00-09:30            JUAN VALCARCEL  
**Tumor suppressor RBM5 regulates Fas alternative splice site pairing after exon definition**
- 09:30-10:00            TAMAS KISS  
**Regulation of RNA polymerase II transcription by 7SK snRNA**
- 10:00-10:30            MAURICE SWANSON  
**Dynamic Mutations and RNA-Mediated Disease**
- 10:30-10:45            CAROLINE LACOUX  
**RNA modification and Fragile X Syndrome: Belgium**
- 10:45-11:00            FABIO MARTELLI  
**microRNA as and cell response to Hypoxia: Italy**
- 11:00-11:30: Coffee break

### **Session II: RNA and Genetic Diseases II**

Chair: Annalisa Pastore

- 11:30-12:00            MATTHIAS HENTZE  
**Translational control by miRNAs and RNA-binding proteins**
- 12:00-12:30            ROBERT SCHNEIDER  
**Inflammatory breast cancer pathogenesis mediated in significant part by translation initiation factor eIF4G amplification and unorthodox protein synthesis**

- 12:30-13:00      UTZ FISCHER  
**A chaperone system assists the assembly of RNA-protein complexes: implications for spinal muscular atrophy**
- 13:00-13:30      DAVIDE RUGGERO  
**The deregulated translation machinery in cancer and disease**
- 13:30-15:00      Lunch
- 15:00-17:00      POSTER SESSION

**Session III: RNA and Genetic Diseases III**

Chair: Davide Ruggiero

- 17:00-17:30      RENE BERNARDS  
**Using small RNAs to probe cancer pathways**
- 17:30-18:00      SCOTT HAMMOND  
**MicroRNAs in development and disease**
- 18:00-18:30      MARIA CARMO FONSECA  
**Searching for splicing factor signatures associated with tissue differentiation and cancer**
- 18:30-19:00      JUDITH MELKI  
**tba**
- 19:00-19:15      HELENE GAILLARD  
**A novel class of mRNA containing cytoplasmic granules are produced in response to UV-irradiation**
- 20:30              Dinner

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## TUESDAY, JUNE 3

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### **Session I: RNA, Viral Diseases and Therapeutical Approaches I**

Chair: Rossella Tupler

- 09:00-09:30            IAN MOHR  
**Assembly of Translation Initiation Factor Complexes in Virus-Infected Cells**
- 9:30-10:00            STEWART PELTZ  
**The discovery and clinical development of PTC124 for the treatment of genetic disorders due to a nonsense mutation**
- 10:00-10:30            CHRISTIANE BRANLANT  
**Regulation of virus HIV-1 mRNA production by alternative splicing**
- 10:30-11:00: Coffee break

### **Session II: RNA, Viral Diseases and therapeutical approaches II**

Chair: Davide Ruggero

- 11:00-11:30            NICHOLAS PROUDFOOT  
**Gene punctuation in eukaryotes**
- 11:30-12:00            PETER SARNOW  
**Enhancement of hepatitis C virus replication by liver-specific microRNA miR-122**
- 12:00-12:15            LESLIE KRUSHEL  
**Translation of the amyloid precursor protein and tau protein mRNA occurs through an internal ribosomal entry site**
- 12:15-12:30            STEFANIA MILLEVOI  
**A beta-thalassaemia mutation in the beta-globin 3'-UTR**

**reveals a functional interaction between PTB and hnRNP H/H'  
in 3'-end processing**

12:30-14:00	Lunch
14:00-20:00	Excursion to Foro Romano
21:00	Dinner

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## WEDNESDAY, JUNE 4

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### **Session I: RNA in Neurodegeneration and Plasticity**

Chair: Gideon Dreyfus

- 9:00 -9:30           OSWALD STEWARD  
**Targeting mRNA to synaptic sites on dendrites**
- 9:30 -10:00         JOEL RICHTER  
**CPEB Control of Cellular Senescence**
- 10:00-10:30        RANDI HAGERMAN  
**Advances in FXTAS research**
- 10:30-11:00        CLAUDIA BAGNI  
**The Fragile X Mental Retardation Protein represses activity-dependent mRNA translation at synapses**
- 11:00-11:30        Coffee break

### **Session II: RNA in Neurodegeneration and Plasticity**

Chair: Elisa Izaurralde

- 11:30-12:00        ANNALISA PASTORE  
**Structure and functions of FMRP**
- 12:00-12:30        NANCY BONINI  
**A role of the RNA in polyglutamine disease**
- 12:30-13:00        BART DE STROOPER  
**Loss of microRNA cluster miR-29a/b-1 in sporadic Alzheimer's disease correlates with increased BACE1/-secretase expression**

- 13:00-13:30 KAZUKO NISHIKURA  
**Modulation of microRNA Processing and Target Selection by RNA Editing: Implications in Human Diseases and Pathology**
- 13:30-15:00 Lunch
- 15:30-17:00 POSTER SESSION

**Session III: RNA and Epigenetic Diseases**

Chair: Maurice Swanson

- 17:00 -17:30 ELISA IZAURRAULDE  
**Mechanisms of miRNA-mediated gene silencing**
- 17:30 -18:00 JEROME CAVAILLE  
**Tracking the intranuclear fate of imprinted mRNA-like transcripts at the single nucleus level**
- 18:00 -18:30 ANTON WUTZ  
**Xist function in chromosome wide silencing of gene expression**
- 18:30-18:45 MARCO BARALLE  
**Splicing Regulation of NF1 Exon 37**
- 18:45-19:00 Closing Remarks
- 20:00 Farewell Banquet

EMBO Conference on RNA and Disease:  
Villa Mondragone, Rome, May 31 – June 5, 2008

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**THURSDAY, JUNE 5**

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Departure