"EMBO Conference Series Meeting on pre-mRNA processing and disease" and "EURASNET WP12 Interdisciplinary focus meeting on Mis-splicing and disease"

Cortina, 14-17 January 2007

TENTATIVE PROGRAMME

Sunday, 14 January 2007

15:00 Arrival and check-in

18:00 *Welcome cocktail*

18:30 **Juan Valcárcel**
ICREA and Centre de Regulació Genòmica, Barcelona, Spain
Genetic programmes of Alternative Splicing regulation

19:00 **Adrian Krainer**
Cold Spring Harbor Laboratory, New York, USA
Oncogenic properties of the splicing factor SF2ASF

19:30 **Mariano García Blanco**
Duke University Medical Centre, Durham, NC, USA
Identification of the cellular targets of the transcription factor CA150 (TCERG1) reveals a widespread role in mRNA processing

20:00 *Dinner*

Monday, 15 January 2007

9:00 **Nicholas J. Proudfoot**
Sir William Dunn School of Pathology, University of Oxford, UK
Interconnections between transcripton RNA processing and gene structure in eukaryotes

9:30 **Alberto R. Kornblihtt**
Laboratorio de Fisiología y Biología Molecular, FCEyN, Universidad de Buenos Aires, Argentina
Pol II elongation and factor recruitment in the coupling between transcription and alternative splicing

10:00 **Christopher W. J. Smith**
University of Cambridge, UK
Cross-regulation and functional redundancy between PTB and nPTB

10:30 **Javier F. Caceres**
MRC Human Genetics Unit, Western General Hospital, Edinburgh, UK
Regulation of alternative splicing: Identification of RNA targets for SF2/ASF and hnRNP A1

11:00 *Break*

11:30 **Reinhard Lührmann**
Max-Planck Institute, Göttingen, Germany
Assembly and structural dynamics of the spliceosome

12:00 **Angela Krämer**
University of Geneva, Switzerland
Analysis of SF1 function in alternative splicing

12:30 *Lunch/free time*

17:00 **Jørgen Kjems**
University of Aarhus, Denmark
A proximal 5′ splice site in HIV-1 stimulates transcriptional initiation

17:30 **James Stévenin**
INSERM, IGBMC, Illkirch, France
The human RBMY, a potential germline-specific splicing regulator with unique RNA recognition

18:00 **Carlos Suñé**
Instituto de Parasitología y Biomedicina Lopez Neyra, Granada, Spain
Connection between transcriptional elongation and splicing

18:15 **Jean Beggs**
University of Edinburgh, UK
Retinitis pigmentosa type 13 mutations affect the interaction of Prp8p with Brr2p and cause a defect in the maturation of U5 snRNPs in yeast

18:30 *Break*

19:00 **Giuseppe Biamonti**
Istituto di Genetica Molecolare – CNR, Pavia, Italy
Pharmacological modulation of the alternative splicing profile of the Ron proto-oncogene involved in the epithelial to mesenchymal transition

19:30 **Francisco Baralle**
International Centre for Genetic Engineering and Biotechnology, Trieste, Italy
Influence of the genomic context on splicing efficiency

20:00 **Rossella Tupler**
Universita' di Modena e Reggio Emilia, Italy
Analysis of the role of FRG1 in FSHD pathogenesis

20:15 *Dinner*

21:30 Poster session

Tuesday, 16 January 2007

9:00 **Benoit Chabot**
Université de Sherbrooke, Québec, Canada
Modern human introns: links with alternative splicing and diseases

9:30 **Igor Vorechovsky**
University of Southampton, UK
Disease gene variants that influence splicing efficiency of weak introns in the 5 leader sequences: lesson from IDDM2

9:45 **Maria Carmo-Fonseca**
Instituto de Medicina Molecular, Lisboa, Portugal
Splicing defects in oculopharyngeal muscular dystrophy

10:15 **Jane Wu**
Northwestern University, Chicago, IL, USA
Pre-mRNA splicing and Neurodegeneration

10:45 **Jernej Ule**
MRC Laboratory of Molecular Biology, Cambridge, UK
Insights from the RNA map of NOVA-dependent splicing regulations

11:00 *Break*

11:30 **Douglas L. Black**
HHMI/UCLA, Los Angeles, CA, USA
Alternative Splicing and the Regulation of Neuronal Gene Expression

12:00 **Franco Pagani**
International Centre for Genetic Engineering and Biotechnology, Trieste, Italy
Friedrech's ataxia GAA non-coding repeats expansions affect pre-mRNA processing

12:30 *Lunch/Free time*

17:00 **Conxi Lázaro**
Centre de Genètica Mèdica i Molecular, IRO-IDIBELL, Barcelona, Spain
Double genetic characterization (DNA mutation versus RNA effect) of mutations in the NF1 gene: what we have learned about disease–causing splicing mutations

17:30 **Margarida D. Amaral**
University of Lisboa, Portugal
Processing of mRNA in Cystic Fibrosis: Lessons from Native Tissues

18:00 **Marquis Julien**
University of Bern, Switzerland
Complete splicing correction of SMN2 pre-mRNA by a bifunctional modified U7 snRNP

18:15 **Geoff Woods**
Addenbrookes Hospital, Cambridge, UK
Splice variants in important human neuro-developmental genes

18:45 *Break*

19:00 **Diana Baralle**
Addenbrookes Hospital, Cambridge, UK
Can we make sense of genotype phenotype correlation?

19:30 **Lia Crotti**
University of Pavia, IRCCS Policlinico S. Matteo, Pavia, Italy
Genotype-phenotype correlation and pre-mRNA splicing defects in the Long QT syndrome

20:00 **Eric White**
University of Michigan Medical Center, Ann Arbor, MI, USA
The role of the EIIIA splice isoform of fibronectin in lung fibrosis

20:30 *Dinner*

21:30 *Poster session*

Wednesday, 17 January 2007

9:15 **Christiane Branlant**
Institute of Bioengineering, UMR 7567 CNRS UHP-Nancy I, Nancy, France
Implication of alternative splicing in viral diseases, regulation of HIV-1 RNA splicing

9:30 **Massimo Caputi**
Florida Atlantic University, Boca Raton, FL, USA
Control of HIV-1 mRNA processing

10:00 **Jamal Tazi**
Université Montpellier II, France
SR proteins in physiological and pathological splicing and as a target for therapy

10:30 **Irene Bozzoni**
University of Rome "La Sapienza", Italy
Exon skipping for the cure of the Duchenne Muscular Dystrophy

11:00 *Break*

11:30 **Stefan Stamm**
University of Erlangen, Germany
Regulation of SMN2 splice site selection by Protein Phosphatase 1

12:00 **Albrecht Bindereif**
Justus-Liebig-Universität Giessen, Germany
Genome wide regulation of mammalian splicing by CA-rich elements: a combined RNAi and microarray approach

12:30 End

Afternoon session: a EURASNET networking and integration round table open to all interested scientists.