



Consiglio Nazionale delle Ricerche  
**ISTITUTO DI GENETICA MOLECOLARE**  
Pavia - Bologna - Chieti

## **JOINT IGM MEETING**

**Pavia, 3<sup>rd</sup> October 2014**

Istituto di Genetica Molecolare, Via Abbiategrosso 207, Pavia

### **ARRIVAL AND WELCOME**

**10.15**

PRESENTATION OF IGM-CNR

**Dr. Giuseppe Biamonti, Director IGM**

### **SCIENTIFIC SESSIONS**

#### **TUMORIGENESIS AND ANGIOGENESIS**

**10.30 – 10.50**

Tumor cell plasticity: an insight from in vitro transformed cell lines

**Peritore M.**, Bono B., Chiodi I. and Mondello C.

**10:50 – 11.10**

From Interaction to Function: Dynamics of Protein-Protein Interactions as a Means to Define Signal Transduction Events in Cancer

**Piazzì M.**, Bavelloni A., Raffini M., Faenza I. and Blalock W.

**11.10 - 11.30**

The alternative splicing factor Nova2 is a novel regulator of angiogenesis

**Gallo S.**, Giampietro C., Bonomi S., Deflorian G., Di Matteo A., Belloni E., Quaranta V., Pradella D., Biamonti G., Dejana E. and Ghigna C.

#### **PLENARY LECTURE**

**11.30 - 12.10**

Invited Speaker:

**Dr. Nolli M.L.**

Assobiotec - NCNBio srl - AFI – AIRI

“Sviluppo di farmaci biotecnologici e medicinali per le Terapie Avanzate: il lungo cammino dalla Ricerca al Mercato.”

#### **APPLIED TECHNOLOGIES**

**12.10 – 12.30**

Berberine, an epiphany against cancer

**Guamán Ortiz L.M.**, Tillhon M., Lombardi P. and Scovassi A.I.

**12.30 – 12.50**

Cloning and endonuclease-mediated targeting of the first swine safe harbour locus to enhance long term expression of transgenes

**Perota A.**, Boncompagni E., Lagutina I., Cubells M., Ranzoni A.M., Lazzari G., Biamonti G., Galli C. and Peverali F.A.

**12.50 - 13.10**

A frequent pattern approach to analyze gene expression data

**Cremaschi P.**, Carriero R., Parolo S., Astrologo A., Colì C., Lisa A. and Bione S.

**13.10 – 14.20 LUNCH**

## **GENOME STABILITY AND CELLULAR STRESS**

### **14.20 - 14.40**

Transcription is a source of replication stress in senataxin-deficient cells

**Brambati A.**, Colosio A., Zardoni L., Galanti L. and Liberi G.

### **14.40 - 15.00**

DNA damage and transcription

**Capozzo I.**, Francia S. and d'Adda di Fagagna F.

### **15.00 - 15.20**

A new role of the E3 ubiquitin Ligase UBR5 in DNA replication and damage tolerance

**Cipolla L.**, Amato A., Cohn M., Lehmann A.R. and Sabbioneda S.

### **15.20 - 15.40**

Role of DNA Polymerase Lambda in Telomeres replication.

**Zucca E.**, Bertoletti F. and Maga G.

### **15.40 - 16.00**

Global analysis of epigenetic modifications influencing genome integrity and stability

**Sproviero D.**, Carriero R., Tomaiuolo P., Lombardi A., Mazzucco G., Di Maio A., Bione S., Orioli D., Sabbioneda S., Montecucco A., Biamonti G.

### **16.00 - 16.20**

Metabolic stress controls alternative splicing programs of SRSF1 transcripts

**Catillo M.**, Pignataro D., Ghigna C. and Biamonti G.

## **16.20 - 16.40 COFFEE BREAK**

## **HUMAN HEREDITARY DISEASES**

### **16.40 - 17.00**

Cockayne syndrome, a model disease for the identification of pathways implicated in photosensitivity, neurodegeneration and premature ageing.

**Lanzafame M.**, Uggè M., Nardo T., Botta E., Stefanini M. and Orioli D.

### **17.00 - 17.20**

Role of CBP and p300 acetyl transferases in DNA repair mechanisms: investigations in lymphoblastoid cell lines derived from Rubinstein-Taybi patients.

**Dutto I.**, Tillhon M., Gervasini C., Larizza L. and Prospero E.

### **17.20 - 17.40**

Barrier-to-Autointegration Factor (BAF) involvements in prelamin A-related chromatin remodeling

**Loi M.**, Cenni V., Columbaro M., Duchi S., Squarzoni S., Lopez Otin C., Foisner R., Lattanzi G. and Capanni C.

### **17.40 - 18.00**

Aggresome-autophagy involvement in a sarcopenic patient with rigid spine syndrome and a p.C150R mutation in FHL1 gene

**Tagliavini F.**, Sabatelli P., Castagnaro S., Chrisam M., Sardone F., Demay L., Richard P., Santi S., Maraldi N.M., Merlini L., Sandri M. and Bonaldo P.

## **BEST TALK AWARD**

## **END OF MEETING**