



## Course of Human Molecular Genetics

### “New players in cancer development and innovative therapeutic approaches”

“Arturo Falaschi” Room, Istituto di Genetica Molecolare - CNR

#### Organizers:

Elena Botta, Istituto di Genetica Molecolare, CNR, Pavia

Chiara Mondello, Istituto di Genetica Molecolare, CNR, Pavia

Guglielmina Nadia Ranzani, Dip. di Biologia e Biotecnologie, Univ. di Pavia

#### Friday 4 April 2014 – 14:30-16:30

Tiziana Venesio (Laboratory of Genetics and Molecular Pathology, Istituto per la Ricerca e la Cura del Cancro, Candiolo, Torino)

“EGFR-targeted therapies in lung cancer”

#### Monday 7 April 2014 –14:30-16:30

Paolo Radice (Department of Preventive and Predictive Medicine, Fondazione IRCCS Istituto Nazionale dei Tumori, Milano)

"Genetic heterogeneity in hereditary predisposition to cancer and its clinical implications: the case of familial breast carcinoma"

#### Tuesday 8 April 2014 - 14.30-16.30

Mario Cazzola (Department of Hematology Oncology, Fondazione IRCCS Policlinico San Matteo, Università di Pavia)

"The genetic basis of myeloid neoplasms and its clinical relevance"

#### Wednesday 9 April 2014 - 14.30-16.30

Giuseppe Gasparre (Department of Medical and Surgical Sciences, Università di Bologna)

“The Oncojanus effect: functional implications of mitochondrial DNA mutations in cancer progression”

#### Monday 14 April 2014 –14:30-16:30

Maria Rescigno (Department of Experimental Oncology, Istituto Europeo di Oncologia, Milano)

“The microbiota in intestinal homeostasis”

**Tuesday 15 April 2014 - 14.30-16.30**

Paola Allavena (Laboratory of Cellular Immunology, Istituto Clinico e di Ricerca Humanitas, Milano)

"The tumor micro-environment and cancer-related inflammation in disease progression"

**Wednesday 16 April 2014 - 14.30-16.30**

Stefano Gustincich (Area of Neuroscience, SISSA, Trieste)

"Biology of long non-coding RNAs and repetitive elements"

**Thursday 17 April 2014 - 14.30-16.30**

Massimo Negrini (Department of Morphology, Surgery and Experimental Medicine, Università di Ferrara)

"MicroRNAs and Cancer"

**Wednesday 7 May 2014 - 14.30-16.30**

Pier Giuseppe Pelicci (Department of Experimental Oncology, Istituto Europeo di Oncologia, Milano)

"Regulation of self-renewal in cancer stem cells "

**Thursday 8 May 2014 - 14.30-16.30**

Silvia Marsoni (Clinical Trials Coordination Unit, Istituto per la Ricerca e la Cura del Cancro, Candiolo, Torino)

"Precision medicine revolution: from target drug to target patient"