



Consiglio Nazionale
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Istituto di Biologia Cellulare e Neurobiologia
Institute of Cell Biology and Neurobiology
IBCN

AVVISO DI SEMINARIO
SEMINAR ANNOUNCEMENT

From coding to non coding RNAs and back

Prof Irene Bozzoni

Sapienza Università di Roma

Dipartimento di Biologia e Biotecnologie Charles Darwin

Thursday, 19 May 2016

11:00 – 12:30

Monterotondo CNR Seminar Room, Building 1

Highlights

High-throughput transcriptome analysis has revealed that the mammalian genome is pervasively transcribed into many different complex families of RNAs; even among the polyadenylated species, half resulted to be non-protein-coding RNAs. Moreover, it has been recently shown that quite a considerable number of transcripts have an unusual circular form. These novel RNAs are emerging as crucial players in the control of differentiation and development and their deregulation has been linked to several inherited and acquired disorders. I will show how these new classes of transcripts impinge on muscle function in normal and disease conditions and how they control gene expression.

Host: Prof Fabio Mammano