



Giovedì 23 Maggio, ore 14:00

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***Target-dependent RNA recognition in
different functional contexts:
the devil is in the domain***

Post-transcriptional control plays a crucial role in expanding genomic diversity in complex organisms, and mis-regulation of the metabolism of specific mRNAs lies at the basis of common genetic diseases, cancer, auto-immune pathologies and viral infection.

De-convoluting the molecular complexity of the RNA regulatory network is essential to understanding cell differentiation and function, and requires accurate models of protein-RNA recognition and protein target selectivity. In this talk I will combine molecular and in cell, transcriptome-wide, data to de-convolute this complexity and to discuss how different RNA recognition modes amplify protein function in processes ranging from splicing to local mRNA translation.



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