



Vabilo na Preglov kolokvij / Invitation to the Pregl colloquium

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Velika predavalnica Kemijskega inštituta /
Great Lecture Hall
National Institute of Chemistry
Hajdrihova 19, Ljubljana, Slovenia

Molecular insights into the mRNA poly(A) tail machinery

Eukaryotic mRNAs must be processed before they can be exported from the nucleus as mature transcripts. 3'-end processing is carried out by the cleavage and polyadenylation specificity factor (CPSF; CPF in yeast). This involves endonucleolytic cleavage of the nascent pre-mRNA and addition of a poly(A) tail. Cleavage and polyadenylation define the 3' end of the transcript which is important for mRNA localization, translation and stability. I will speak about our efforts to use structural biology and biochemical reconstitution to gain molecular insight into this process.

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Vljudno vabljeni / Kindly invited