

# 06 FEB

4.30 P.M.  
ROOM B107  
POVO 2

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## MRNA 5'-CAP HYPERMETHYLATION BY TRIMETHYL GUANOSINE SYNTHASE TGS1 PROMOTES MITOCHONDRIAL METABOLISM IN ACUTE MYELOID LEUKAEMIA.

Specific chemical modifications of biological molecules are an efficient way of regulating molecular function, and a plethora of downstream signalling pathways are influenced by the modification of DNA and proteins. Many of the enzymes responsible for regulating protein and DNA modifications are targets of current cancer therapies. RNA epitranscriptomic, the study of RNA modifications, is the new frontier in this arena. Increasing evidence suggests that RNA modification pathways are also mis regulated in human cancers and may be ideal targets for cancer therapy.

CIBIO EXTERNAL SEMINAR



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DI TRENTO

Dipartimento di  
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