

Graduate Schools
Infection Immunity and Cancer, UniGe & UniL: CUS
Biology & Medicine, CMU

Seminar in Microbiology

Monday, October 21, 2019

Salle de séminaire, E07.3347.a, CMU

11:30 – 12:30

Marc Graille
École Polytechnique
Palaiseau, France



Trm112, a toolbox protein for RNA methyltransferases

References:

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- Hazra et al., 2019. m⁶A mRNA Destiny: Chained to the rhYTHm by the YTH-Containing Proteins. *Genes (Basel)*. 2019 Jan 15;10(1). pii: E49.
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- van Tran et al., 2018. Evolutionary insights into Trm112-methyltransferase holoenzymes involved in translation between archaea and eukaryotes. *Nucleic Acids Res.* 2018 Sep 19;46(16):8483-8499.
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- Bourgeois et al., 2017. Activation mode of the eukaryotic m²G10 tRNA methyltransferase Trm11 by its partner protein Trm112. *Nucleic Acids Res.* 2017 Feb 28;45(4):1971-1982
- Charenton et al., 2016. Structure of the active form of Dcp1-Dcp2 decapping enzyme bound to mGDP and its Edc3 activator. *Nat Struct Mol Biol.* 2016 Nov;23(11):982-986.

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