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

Seminar in Microbiology

Monday, June 12, 2017

Salle de séminaire, E07.3347.a, CMU

11:30 – 12:30

Federica Briani

Dip. Di Bioscienze
Università degli Studi di Milano

Temperature-dependent regulation of the *lpxT* gene by a new RNA thermometer in *Escherichia coli*

Selected publications:

Carzaniga T, Sbarufatti G, **Briani F**, Dehò G. Polynucleotide phosphorylase is implicated in homologous recombination and DNA repair in Escherichia coli. BMC Microbiol. 2017 Apr 4;17(1):81.

Briani F. Cell-Based Fluorescent Screen to Identify Inhibitors of Bacterial Translation Initiation. Methods Mol Biol. 2017;1520:237-245

Carzaniga T, Dehò G, **Briani F**. RNase III-Independent Autogenous Regulation of Escherichia coli Polynucleotide Phosphorylase via Translational Repression. J Bacteriol. 2015 Jun;197(11):1931-8

Raneri M, Sciandrone B, **Briani F**. A whole-cell assay for specific inhibitors of translation initiation in bacteria. J Biomol Screen. 2015 Jun;20(5):627-33.

Delvillani F, Sciandrone B, Peano C, Petiti L, Berens C, Georgi C, Ferrara S, Bertoni G, Pasini ME, Dehò G, **Briani F**. Tet-Trap, a genetic approach to the identification of bacterial RNA thermometers: application to Pseudomonas aeruginosa. RNA. 2014 Dec;20(12):1963-76.

Delvillani F, Papiani G, Dehò G, **Briani F**. S1 ribosomal protein and the interplay between translation and mRNA decay. Nucleic Acids Res. 2011 Sep 1;39(17):7702-15.

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