CBI Toulouse
Centre de Biologie Intégrative

CBI SEMINAR

15h00 A.M

FRIDAY
February 11 TH 2022

Rachel Green

Johns School of Medicine, Baltimore USA,

"The colliding ribosome as a hub for activating signaling pathways"

Abstract:
mRNA surveillance pathways in eukaryotes moderate the effects of natural genetic or processing errors in the cell and mRNA-specific damage. We have used genetics, proteomics, biochemistry and ribosome profiling experiments in yeast and mammals to identify and characterize critical factors involved in these processes. More recently we have discovered that colliding ribosomes also function to signal broad cellular dysfunction and to activate cellular signaling pathways mediated through GCN2 and ZAK. Our current efforts are focused on defining mechanistic features of these molecular interactions and the integration of cellular outputs.

Online,ONLY

Participer à la réunion Zoom
https://us02web.zoom.us/j/83821767359?pwd=RGxuVnppMG5aU2xUVXBRajB3MG81Zz09

ID de réunion : 838 2176 7359
Code secret : WKFe6c

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