Universitat Pompeu Fabra Barcelona

Barcelona Biomedical Research Park

3 YEARS POSTDOCTORAL POSITION IN VIRUS-HOST CELL INTERACTIONS

Molecular Virology Group, Barcelona Biomedical Research Park
University Pompeu Fabra, Barcelona

RNA viruses are a major threat to human health. They also provide a fascinating window into cell biology since they interact intimately with the infected cell. Aims of the project are to decipher how new and emerging viruses manipulate the host machinery to their benefit.

Recent publication from our lab includes:

N6-methyladenosine modification is not a general trait of viral RNA genomes. *Nat Commun*. 2024, *in press*

CHIKV infection reprograms codon optimality to favor viral RNA translation by altering the tRNA epitranscriptome *Nat Commun*. 2022

Host-derived circular RNAs display proviral activities in Hepatitis C virus-infected cells. *PLoS Pathog*. 2020

The exonuclease Xrn1 activates transcription and translation of mRNAs encoding membrane proteins. *Nat Commun*. 2019

ABOUT US:
Our international group is integrated into the Biomedical Research Park of Barcelona (PRBB), one of the largest hubs of biomedical research in southern Europe. For more information visit the websites: http://www.prbb.org/ and https://juanadiezlab.com/

CANDIDATE REQUIREMENTS AND APPLICATION:
- PhD in a relevant field (virology, translational and transcriptional control, RNA Biology) with at least one publication in a reputable international journal.
-Fluency in spoken and written English.

CONDITIONS
3-year contract (estimated annual gross 37.199,82€ bruts anuals)

Starting date: flexible, May 2024 to Jan 2025)

HOW TO APPLY
To apply please submit the following to juana.diez@upf.edu indicating in subject "postdoctoral position tRNA-virus":

- Cover letter detailing your research experience and motivation for this role
- CV ,including the contact details of 3 referees
- 2 letters of reference