



Barcelona
Biomedical
Research
Park

Postdoctoral position in Virology at the University Pompeu Fabra (PRBB, Barcelona).

Viruses depend on host factors for their multiplication. We have shown that the replication of positive-strand RNA viruses requires Lsm1-7, Pat1 and Dhh1, three components of the mRNA decay pathway that localized in the cellular cytoplasmic foci named P-bodies. Our current interests are: i) to elucidate the molecular mechanisms involved in the function of Lsm1-7, Pat1, Dhh1 and other P-body components in the replication of (+)RNA viruses, including the hepatitis C virus, and ii) to evaluate the potential of Lsm1-7, Pat1 and Dhh1 as antiviral targets.

REFERENCES:

Galão, RP. et al. *RNA* 16(4): 817 (2010); Scheller N. et al. *PNAS* 106(32): 13517 (2009); Scheller N. et al. *Cell Cycle*. 8(24): 4013 (2009); Alves-Rodrigues, I. et al. *J. Virol.* 81(8): 4378 (2007); Mas, A. et al. *J. Virol.* 80(1): 246 (2006).

CANDIDATE REQUIREMENTS:

Candidates are expected to obtain a postdoctoral fellowship from Spanish or International funds

APPLICATION PROCEDURE:

To apply, send a letter of interest including a short description of your research background, CV, and contact details of 2 referees to juana.diez@upf.edu