



Barcelona
Biomedical
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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:

Experience: Studies in Biology/Biochemistry and PhD. background in biochemistry/molecular biology/virology will be highly evaluated.

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