



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

Positive-strand RNA viruses cause numerous plant, animal and human diseases including encephalitis, hemorrhagic fevers and hepatitis. Hepatitis C virus, e.g., chronically infects hundreds of million of people, leading to liver damage and cancer. The project aims to elucidate the role of cellular proteins in the translation and replication of positive-strand RNA viruses. With this purpose we will use both, an effective system that allows studying replication of higher eukaryotic RNA viruses in yeast and a complementary experimental approach in human cells. The identification of such cellular proteins could lead to new and more effective antiviral treatments.

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:

We are seeking for highly motivated and enthusiastic candidates with Graduate studies related to Biology or Biochemistry. They will integrate into an international team and into the International PhD Program in Biomedicine of the Department of Experimental and Health Sciences (UPF).

Interested candidates please send a letter of interest, CV (including score of the graduated studies, a score higher than 2,5 in the spanish system is required), and contact details of 2 referees to juana.diez@upf.edu.