

# 1 FPI predoctoral fellowship at University of Zaragoza (BIFI)

The Spanish Ministry of Economy and Competitiveness (MINECO) offers a fellowship (FPI) to carry out a PhD Thesis on “GalNAc-Ts molecular recognition on protein substrates: rational design of peptide-like inhibitors, implications in disease and relationship with alpha klotho” at the Universidad of Zaragoza (BIFI). This fellowship is associated to the MINECO grant/project BFU2016- 75633-P, entitled:

The CV together with two recommendation letters should be addressed to Dr. Hurtado-Guerrero before September 27<sup>th</sup>. The candidates must possess a Master either in Biochemistry, Chemistry, Pharmacy or Veterinary. Their CV should also contain the final grade of their degree and Master. In addition, they should have interests in structural biology. See below for the address,

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Biophysics department

BIFI.

<http://www.bifi.es>

The research will be on how GalNcAc-Ts recognise and catalyse their protein substrates, and the implications of these processes in different diseases. The project will be done at the Institute of Biocomputation and Physics of Complex Systems.

See the following “link” for more information on the FPIs,

**[http://www.unizar.es/gobierno/vr\\_investigacion/sgi/convocatorias.php](http://www.unizar.es/gobierno/vr_investigacion/sgi/convocatorias.php)**

More relevant publications in the last years:

- Raich L et al., JACS (2016), DOI:10.1021/jacs.5b10092

-Valero-González J et al., Nature Chemical Biology (2016), DOI:10.1038/nchembio.2019

- Martínez-Sáez, N, et al., Chemical Science (2016), DOI: 10.1039/C5SC04039F

-Martínez-Sáez N et al., Angewandte Chemie International (2015), DOI: 10.1002/anie.201502813

- Lira-Navarrete E et al., Nature Communications (2015), DOI: 10.1038/ncomms7937

-Lira-Navarrete E et al., Angewandte Chemie International (2014), DOI: doi: 10.1002/anie.201402781

