

Expression of Interest



Contact Person/Scientist in Charge

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Universitat de València – Estudi General

Department / Institute / Centre

- **Name:** Department of Genetics/ ERI Biotechmed/Universitat de València.
- **Address:** Doctor Moliner, 50. 46100 Burjasot, Valencia, Spain
- **Province:** Valencia

Research Area

- Life Sciences (LIF)

Brief description of the institution:

The University of Valencia (UV) stands out as one of the main public research organisations in Spain, with more than three thousand researchers integrated in 90 departments, 19 institutes and other research units belonging to social, biomedical, human, experimental and formal sciences. Along with human resources, the UV state-of-art premises and facilities, guarantee the quality of a vast scientific and technological offer available to the service of society.

The UV is a leading academic organisation at national level. Shanghai 2014 ranks UV among the top 200-300 universities in the world, and 4th best university in Spain. As per URAP 2014, the University of Valencia ranks third among all Spanish universities, first in Valencia region and 193th in the world.

University of Valencia is participating in several European projects under the subsequent RTD European Framework Programmes (I to VIII) and other European programmes: Erasmus, Leonardo, Life+, Cost, Third Health Programme, EEA Grants, Daphne III, Creative Europe... acting as several roles: coordinator, contractor, associated contractor, member, host institution... having experience in the development and management of more than 300 European projects as a whole.

UV participated in 78 community actions financed under the VII FP (CSA, Collaborative Projects, MSCA,

ERC grants, etc.) with the role of coordinator in 29 of them. Currently, we are participating in 20 projects financed under Horizon 2020, with the role of coordinator in 8 of them, and 16 projects under several European Programmes other than H2020

Brief description of the Centre/Research Group (including URL if applicable):

The University of Valencia (official name: Universitat de València, UV) is one of the oldest and largest universities in Spain, having been founded in 1499 and currently having around 60,000 students. It consists of three campuses: The Burjassot Campus (Science studies), The Blasco Ibañez Campus (Medicine and miscellaneous studies), and The Tarongers Campus (Humanities). Thanks to international exchanges, students from different nationalities and cultures live and work together at the Universitat de València. The current chancellor is Esteban Morcillo Sánchez.

With regards to this Expression of Interest, the strongest points that UV offers as host institution are (1) the scientific environment around the biomedical sciences, both in the University and in the city of Valencia as a whole, and (2) the close contact between the University and companies located in the Scientific Park of the UV (www.pcuval.es). Specifically, UV is member of the Valencia International Campus of Excellence (www.vic-campus.com) and operates one of the most reputed Medical Schools in Spain. Other biomedical institutes in the city are Incliva (www.incliva.es), Principe Felipe Research Center (www.cipf.es) and Instituto de Biomedicina de Valencia (www.ibv.csic.es).

Project description:

The mission of the Translational Genomics Group is to discover diagnostic tools, and innovative treatments, for human genetics diseases. To this end, we make use of human samples and animal models to understand the molecular basis of disease, to evaluate the activity of candidate drugs, and to discover biomarkers. We also seek to transfer knowledge to spin-off or start-ups, as adequate instruments to transform biomedical knowledge in products and services for the society having promoted nine companies (Prof. Manuel Perez Alonso, co-supervisor of the Translational Genomics Group; IMEGEN, Genera Biotech, BMG Laboratories, among others). In addition to University of Valencia, we are formally affiliated to the INCLIVA Health Research Institute (www.incliva.es). A NIH biosketch of the contact person (last updated 2015) can be found here: <https://www.ncbi.nlm.nih.gov/myncbi/artero/cv/16495/>.

Our current research interest include:

- A. Myotonic Dystrophy
- B. In vivo drug discovery in Spinal Muscular Atrophy.
- C. Discovery of inhibitors of protein-protein interactions
- D. Drosophila nephrocytes as a model for human podocyte dysfunction

Applications

Applications must be received by August 15th, 2016 (preferably by July 15th, 2016). They should include: Curriculum vitae; List of publications; Summary of past research; Research interests