

Expression of Interest



Contact Person/Scientist in Charge

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Universitat de València – Estudi General

Department / Institute / Centre

- **Name:** Genética / Institut Cavanilles de Biodiversitat i Biologia Evolutiva (ICBIBE)/ Universitat de València
- **Address:** C/ Catedrático José Beltrán nº 2
46980 Paterna
- **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 ICBIBE institute emphasizes an integrative and multidisciplinary approach to address virtually any question relating to biodiversity and biological evolution from multiple facets, studying from morphology to animal behaviour, from molecular genetics to quantitative variation, theories and methods of integrating complementary areas as molecular biology, genetics, population biology, palaeontology, taxonomy, ecology, ethology and neurobiology. The Institute applies this capability to studies on the major groups of living organisms, from viruses and bacteria to invertebrates and vertebrate animals and higher plants, and their biological interactions.

<http://www.uv.es/uvweb/institut-universitari-cavanilles-biodiversitat-biologia/ca/institut-cavanilles-biodiversitat-t>

The IP is integrated into the Evolutionary Genetics group

<http://www.uv.es/uvweb/institut-universitari-cavanilles-biodiversitat-biologia/ca/investigacio/grups-recerca/gen>

Project description:

The Project will be centered in investigating the molecular basis and evolution of myrmecophily in aphids. It is a continuation of our recent publication in PNAS

<http://www.pnas.org/content/112/4/1101.full?sid=74bca914-7691-4edc-acc9-2a66d742a1ee> This objective has recently received support in a National call (Project CGL2015-68188-P)

Activities related with other aspects of aphid biology, such as the molecular basis that control the mode of reproduction (sex vs. parthenogenesis) will also be addressed, thus continuing previous investigations.

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