Job Description: Estación Biológica de Doñana (EBD)

Role: Research Assistant
Duration: 3 months
Website: www.ebd.csic.es

Location:
Estación Biológica de
Doñana CSIC (EBD)
C/ Américo Vespucio, s/n,
41092, Isla de la Cartuja,
Sevilla

Company Description:
Doñana Biological Station is a public research institute belonging to the Consejo Superior de Investigaciones Científicas, CSIC, within the area of Natural Resources. Our primary mission is to carry out multidisciplinary research at the highest level, directed at understanding, from an evolutionary point of view, how biodiversity is generated, how it is maintained and damaged, in addition to the consequences of its loss and the chances of their preservation and restoration.

Furthermore, it also promotes the transfer of scientific knowledge to society. The institute consists of a main building in Seville, which has an innovative Stable Isotope Laboratory (LIE) and two field stations, the ICTS Doñana Biological Reserve, (Doñana Natural Area, Almonte, Huelva) and Roblehondo Field Station (Parque Natural de las Sierras de Cazorla, Segura and Las Villas).

Role Description:
We analyze the factors associated with the transmission dynamics of vector-borne pathogens among wildlife and the factors associated with the attractiveness by mosquitoes towards different hosts.

Tasks to be performed:
The candidate will be trained in molecular techniques for detection of pathogens and identification of the origin of mosquito bloodmeals using DNA-barcoding. He/she will also participate in experiments to assess the importance nutrition on capacity of mosquitoes to resist and tolerate infection by avian malaria.

Required Applicant Profile:
EBD are seeking graduates in animal behaviour, biology, botany, ecology, zoology or related fields to carry out a 13-week internship at their research institute in Seville, Spain. Participants will be encouraged to attend weekly seminars hosted by the institute. Spanish language skills are not necessary but would be an asset.