



### **High level technician position in Natural Products screening and Chemistry**

A 30-month position is available for an independent and highly motivated individual to work as a high-level technician in the Department of Screening at Fundación MEDINA. This post is part of an investigation project financed by the regional government of Andalucía call "Búsqueda de nuevos inhibidores antitumorales procedentes de Productos Naturales del punto de control inmunitario PD-1/PD-L1 e inhibidores de traslocación nuclear".

The successful candidate will have engineer degree in Biochemistry o Chemistry and experience in Natural Product Chemistry, cell culture and biological characterization. You will become part of a multidisciplinary team and oversee bioassay-guided compound detection and isolation applying biological and chemical studies.

#### **Criteria of selection:**

- Engineer degree in Chemistry or degree in Biochemistry
- Experience in isolating natural products from complex mixtures, specially from culture broths of microorganisms
- Experience in the development and/or use of dereplication strategies for the early identification of natural products
- Knowledge of chromatography and other purification methods, in particular HPLC
- Experience in infrared spectroscopy (IR), mass spectrometry (MS) and nuclear magnetic resonance spectroscopy (NMR)
- Experience in the use of pipetting automated station (Biomek, Tecan and Echo)
- Experience in cell culture and sterile condition maintenance
- Experience in cytotoxicity study
- Ability to work independently on its own initiative and in a team environment
- Software knowledge::
  - Pack office
  - Work with database (Nautilus)
  - Work with specific chemistry program associated with natural product analysis: Natural Products Dictionary o similar
  - Electronic laboratory notebook (Dotmatics)
- Excellent oral and written communication skills in Spanish and English

Interested applicants should send CV, contacts for personal references, and statement of interest to [degree.screening@medinaandalucia.es](mailto:degree.screening@medinaandalucia.es)

Applications will be considered until the position is filled.

