



FUNDACIÓN  
CENTRO DE EXCELENCIA  
EN INVESTIGACIÓN DE  
MEDICAMENTOS INNOVADORES  
EN ANDALUCÍA

Granada, January 29, 2020

## Postdoctoral Research Fellow in Molecular Microbiology and Natural Products Biosynthesis

### Position Description

A 2 years position is available for an independent and highly motivated individual to work as a **Postdoctoral Research Fellow in the Department of Microbiology** at Fundación MEDINA.

This post is associated to the Research Grant “New antibiotic derivatives from the bacterial replication inhibitor kibdelymycin” (*En busca de nuevos antibióticos derivados del nuevo inhibidor de la replicación bacteriana kibdelomicina*) from the Consejería de Conocimiento, Investigación y Universidad de la Junta de Andalucía. The successful candidate will become part of a multidisciplinary team working in the field and will be responsible of the targeted pathway engineering and efficient heterologous expression of antibiotic analogs.

### Position requirements:

Candidates should have:

- a PhD and post-doctoral experience in molecular microbiology with a good publication record and professional references.
- Experience in heterologous expression and biosynthetic pathways engineering in actinomycetes. The ideal applicant should be able to work easily between the disciplines of genetics, bioinformatics, microbiology and chemistry.
- Excellent bioinformatic and computational skills and experience with metabolite biosynthesis, microbial physiology are desirable. Ability to work independently on its own initiative and in a team environment.
- Evidence of independent writing of reports and papers.
- Excellent communication skills in English are expected for effective interaction with our multidisciplinary research team and with collaborators

Interested applicants should send CV, contacts for personal references, and statement of interest to : [\*\*postdoc.microbiology@medinaandalucia.es\*\*](mailto:postdoc.microbiology@medinaandalucia.es)  
Applications will be considered until the position is filled.

**Keywords:** Natural products, actinomycetes, microbiology, molecular microbiology, microbial genetics, microbial physiology, metabolite biosynthesis, pathway engineering, gene expression, metagenomic analyses, bioinformatics.

### About Fundación MEDINA

Fundación MEDINA, *Centro de Excelencia en Investigación de Medicamentos Innovadores en Andalucía* ([www.medinadiscovery.com](http://www.medinadiscovery.com)) is a non-profit public-private partnership between Merck Sharp and Dohme de España S.A., the Junta de Andalucía and the University of Granada, to discover new compounds and innovative therapies for unmet medical needs. MEDINA is located in the Parque Tecnológico de Ciencias de la Salud in Granada. MEDINA was established from the former MSD Basic Research Centre in Madrid and include its assets, its know-how, and over 50 years of experience in drug discovery from natural products and evaluation of drug candidates.