

EURO-CHOLANGIO-NET COST Action CA18122

“COST for MSCA” PROGRAM – AVAILABILITY FORM FOR HOSTING LABORATORY

This availability form has to be mailed to: melissa.kerr@uniroma1.it by **April 30, 2023**

NAME OF HOSTING MENTOR (<i>last, first, middle, title</i>) Banales, Jesus Maria; Ph.D	
INSTITUTION / ORGANIZATION Name: Biodonostia Health Research Institute Mailing Address (<i>street, city, state/province, postal code, country</i>) Paseo Dr. Beguiristain s/n, 20014, San Sebastian, Guipuzcoa, Spain	
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RESEARCH FIELD (*please insert here a brief summary of the research interests of your lab*).

Jesus M. Bañales is the **Head of the [Liver Diseases Group](#)** (2012-present) at the Biodonostia Health Research Institute- Donostia University Hospital (BHRI-DUH, Donostia-San Sebastian), which currently contains 3 subgroups and 30 multidisciplinary scientists (basic scientists, oncologists, hepatologists, radiologist, surgeons and clinical scientists) perfectly integrated and actively collaborating among them. The group is focused the **biomedical research** inspired by the most urgent unmet needs of patients, creating new and innovative strategies for the fast and efficient transfer of our scientific advances to the clinical practice. Specifically, we are interested on the study of the molecular mechanisms involved in liver pathobiology, and in the search of new innovative diagnostic and therapeutic strategies.

SKILLS (please list here the skills – technical and soft – that a potential fellow *could* learn in your lab)

Technical skills:

- Cell culture
- Flow cytometry
- Genome-editing techniques (CRISPR-Cas9; shRNAs; lentivirus)
- Drug testing
- Animal models of liver cancer and other liver diseases
- Analysis of OMICs (proteomic, transcriptomic, metabolomic, etc) data
- Management of clinical data and patient's registries

Soft skills:

- Organization skills
- Scientific writing
- Dissemination skills
- Project management
- Project design and writing
- Critical thinking
- Leadership skills

MENTOR (please list here your previous experience in mentoring post-doctoral fellows including MSCA fellows)

Number of PhD students supervised: 12

Number of Postdoctoral Fellow supervised: 9

Number of MSCA Fellows supervised: 2

Other (please specify):....

INSTITUTION/ORGANIZATION (please briefly write here the support your Institution/Organization has established for foreign postdoctoral fellows)

Biodonostia Health Research Institute (BHRI) preferentially boosts translational research focusing on the patient and the general population; it covers all research carried out in Gipuzkoa within the framework of the Basque Health Service (Osakidetza – SVS) and aims to improve people's health through its multi-institutional and interdisciplinary collaborative structure. Our research is arranged in 7 Vertical Research Areas and 3 Cross-cutting Research Areas that bring together around 450 researchers in 30 groups. With the purpose of boosting scientific advances, the BHRI has managed to establish a unique composition that makes it stand out from all the other Institutes, through the integration of the most important technological agents in Gipuzkoa. Among all the researchers, BHRI aims to support foreign postdoctoral fellows not only by supporting their scientific interests, but also by providing all the help necessary during their first steps in this Institution. In this sense, BHRI is in close contact with Fomento (from San Sebastian City Hall) that aims to provide help to foreign researchers in finding a place to live within the 1st year in the city. In addition, we are constantly looking for the needs of all the researchers in order to help and support them.