

## ***Postdoctoral Researcher in Microarray Technology for Glycoscience***

Deadline for applications: 10.07.2019

Tentative start date: August 2019

Applications are invited for a CIBER-BBN funded postdoctoral researcher in **Microarray Technology for Glycoscience**, a position based at the Glycotechnology Laboratory, CIC biomaGUNE in San Sebastian, Spain. We are looking for an experienced researcher to assist our microarray unit in a number of clinical and academic projects in functional glycomics. This unit manages the synthesis, isolation and derivatisation of glycans and lectins, surface functionalisation of custom-made slides, the printing of designer microarrays and their application in protein interaction and enzyme activity assays.

The contract is initially for 1 year but an extension is possible and subject to positive performance reviews and available funds.

- Specific duties:
  - Preparation of glycan lectin and polysaccharide microarrays
  - Application of glycan and lectin arrays in a cancer biomarker study
  - Application of lectin arrays for bacterial detection
  - Assistance in the development of a specific data analysis application (in collaboration with software engineers)
  
- Requirements:
  - PhD in analytical chemistry, carbohydrate chemistry, biochemistry or pharmacy,
  - track record of independent research achievements (publications, patents, conference contributions)
  - minimum 2-3 years of experience in one or more of the following areas
    - chemo-enzymatic synthesis of oligosaccharides
    - microarray technology
    - recombinant protein expression
  - Fluent English, written and spoken
  - Additional experience in mass spectrometry, bioconjugation techniques and statistical data analysis is appreciated

Applications including a cover letter, CV and contact details of 3 references should be made directly to the CIBER-BBN application portal <https://www.ciberisciii.es/empleo/detalle-oferta?id=1861>

Please contact the PI Niels Reichardt [nreichardt@cicbiomagune.es](mailto:nreichardt@cicbiomagune.es) for further details regarding the position or visit the group website <https://glycotechnology.net/>