

RECRUITMENT PROCESS BIOMEDICAL RESEARCH CENTER (CINBIO) UNIVERSITY OF VIGO

The **Biomedical Research Center** (Centro de Investigaciones Biomédicas, CINBIO) (www.cinbio.es) is a multidisciplinary center that covers some of the main research areas in **Biomedicine**. It emerged to create a common infrastructure for biomedical experts from the University of Vigo (Spain), working on basic, applied and clinical research. Among the professionals involved there are medical doctors, chemists, biologists, biostatistics and engineers. The Centre facilitates the exchange of knowledge, resources and technology among the different groups but also with other health centres, universities, regional and local governments and the related industry.

The CINBIO aims to become a key international contributor to the biomedical research, and it is now in the process of promoting the incorporation of highly qualified researchers, technicians and managers.

The Center implements the General Principles and Requirements of the European *Charter for Researchers* and the *Code of Conduct for the Recruitment of Researchers*, to guarantee the transparency, ensuring the equal treatment of all applicants.

The CINBIO offers **six Predoctoral positions**:

- REFERENCE CINBIO – 4 New methods for detection of biotoxins.**
- REFERENCE CINBIO – 5 Chemical Engineering.**
- REFERENCE CINBIO – 6 Colloidal Chemistry.**
- REFERENCE CINBIO – 7 Organic/Medicinal Chemistry.**
- REFERENCE CINBIO – 8 Methodological biostatistics.**
- REFERENCE CINBIO – 9 Cancer Genomics.**

All research vacancies are publically advertised.

The documents should be sent to: cinbio@uvigo.es. **Indicate the reference number.**

All candidates will have an adequate feedback with a message as **proof of delivery**. The commission will select **2 candidates for each position** that could be invited to have a personal interview or via computer. The others candidates will end up **on waiting list**.

All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, colour, religion, sex, sexual orientation, gender identity, national origin, age or disability.

[Application deadline: 07/12/2016](#)

REFERENCE CINBIO - 4 New methods for detection of biotoxins. Predoctoral

Profile: The Biomedical Research Center (CINBIO) offers a full-time **predoctoral position** in New Methods for detection of biotoxins.

Requested Degree: Chemistry, Biology or related Biomedical fields.

Skills: The candidate should have a basic experience on algal toxins and on the application of analytical techniques for their detection, special emphasis will be given to the basic knowledge on the application of sample pre-treatment for complex biological matrices and Liquid Chromatography coupled to different detection modes.

Evaluation criteria:

- Degree requested: Chemistry, Biology or another related scientific disciplines.
- Research experience.

Salary: Salary: The salary is 1250€/month and includes the gross salary + employer social costs. It doesn't include the compensation and company social costs.

Duration: One year (starting on 1 January 2017) with possibilities of renewal.

Candidates should send:

- 1.- Curriculum vitae (preferentially Euro pass CV in pdf format). (please quoted as CV-name-reference)
- 2.- Short memory summarizing the applicant's career and experience (1 page in pdf format), (please quoted as SM-family name-reference).

REFERENCE CINBIO - 5 Chemical Engineering. Predoctoral.

Profile: The Biomedical Research Center (CINBIO) offers a full-time **predoctoral position** in Chemical Engineering.

Requested Degree: Degree in Food Science and Technology or related fields. M.S. in Agrofood and Environmental Science and Technology or related fields.

Skills:

- Basic research experience in the chemical and biotechnological processing of biomass, particularly in the production and evaluation of biomass-derived prebiotics including purification techniques and microbial cultures.
- Experience in the utilization of techniques relevant to the above fields (particularly, HPLC and FISH).
- English skills.
- Advanced skills in statistical analysis of data.
- Advanced user of MS Office applications and related software.
- Experience in the writing of technical and scientific texts (particularly, articles).

Line of research: The hired researcher will work as a PhD student. Topic of the Doctoral Thesis: "Manufacture and evaluation of new prebiotics derived from vegetal biomass".

Evaluation criteria:

- Degree and Master Degree requested.
- Research experience.
- English B1 level.
- Requested advanced skills.

Salary: The salary is 1250€/month and includes the gross salary + employer social costs. It doesn't include the compensation and company social costs.

Duration: One year (starting on 1 January 2017) with possibilities of renewal.

Candidates should send:

- 1.- Curriculum vitae (preferentially Euro pass CV in pdf format). (please quoted as CV-family name-reference)
- 2.- Short memory summarizing the applicant's career and experience (1 page in pdf format), (please quoted as SM-family name-reference).

REFERENCE CINBIO - 6 Colloidal Chemistry. Predoctoral.

Profile: The Biomedical Research Center (CINBIO) offers a full-time **predoctoral position** in Colloidal Chemistry.

Requested Degree: Degree in Chemistry, Physics or related fields. Master's degree in Materials Science or another related scientific disciplines.

Skills: Some experience in electron microscopy (TEM and SEM), synthesis of metal nanoparticles, Raman scattering spectroscopy and fabrication of microfluidics.

Candidates should be highly motivated, independent workers willing to advance on their PhD. Excellent communication skills and the ability to work with a diverse group of individuals are also important.

Evaluation criteria:

- Degree requested: Chemistry, Physics or related fields. Master's degree in Materials Science or related fields.
- Research experience.
- Communication skills.

Salary: The salary is 1250€/month and includes the gross salary + employer social costs. It doesn't include the compensation and company social costs.

Duration: One year (starting on 1 January 2017) with possibilities of renewal.

Candidates should send:

- 1.- Curriculum vitae (preferentially Euro pass CV in pdf format). (please quoted as CV-family name-reference)
- 2.- Short memory summarizing the applicant's career and experience (1 page in pdf format), (please quoted as SM-family name-reference).

REFERENCE CINBIO - 7 Organic/Medicinal Chemistry. Predoctoral.

Profile: The Biomedical Research Center (CINBIO) offers a full-time **predoctoral position** in Organic/Medicinal Chemistry.

Requested Degree: Degree in Chemistry or another related scientific disciplines.

Skills: The candidate should have a Master's Thesis in organic chemistry and should be enrolled in a PhD program. Laboratory experience and computer skills will be valued.

She/he should be familiar with the equipment in organic chemistry laboratories, and with routine techniques such as inert gas lines, small-scale organic synthesis, (automatic) purification of products, and structural characterization.

Candidates should be highly motivated, independent workers willing to advance on their PhD. Excellent communication skills and the ability to work with a diverse group of individuals are also important.

Line of research: The candidate will join a research group focused on the design and development of new drug candidates.

Evaluation criteria:

- Degree requested: Chemistry.
- Research experience.
- Communication skills.

Salary: The salary is 1250€/month and includes the gross salary + employer social costs. It doesn't include the compensation and company social costs.

Duration: One year (starting on 1st January 2017) with possibilities of renewal.

Candidates should send:

- 1.- Curriculum vitae (preferentially Euro pass CV in pdf format). (please quoted as CV-family name-reference)
- 2.- Short memory summarizing the applicant's career and experience (1 page in pdf format), (please quoted as SM-family name-reference).

REFERENCE CINBIO - 8 Methodological biostatistics. Predoctoral.

Profile: The Biomedical Research Center (CINBIO) offers a full-time **predoctoral position** in Methodological Biostatistics.

Requested Degree: Degree and at least 60 ECTS at Master level in the area of Statistics, or equivalent qualification.

Skills: The candidate will develop his/her PhD thesis project in the field of methodological biostatistics within some of the strategic research lines of the SiDOR group (group IO1 of the University of Vigo, <http://sidor.uvigo.es>): Survival analysis, Multi-state models, Evaluation of diagnostic and prognostic tests, Regression and prediction with high dimensional and omic data, Multiple comparison methods, Post-selection inference, Big data.

The candidate must be in a position to be accepted in a PhD Programme. In particular, the candidate will register in the PhD Programme "Statistics and Operations Research" of the University of Vigo and will join the SiDOR group as a PhD researcher in the unit of Biostatistics and Epidemiology – CINBIO (<http://www.cinbio.es/index.php/biostatistics.html>)

Line of research: Methodological biostatistics.

Evaluation criteria:

- Suitability to the position
- Academic record
- Curriculum vitae
- Knowledge of biostatistical techniques, including free and commercial software
- English knowledge

Salary: The salary is 1250€/month and includes the gross salary + employer social costs. It doesn't include the compensation and company social costs.

Duration: One year (starting on 1 January 2017) with possibilities of renewal.

Candidates should send:

- 1.- Curriculum vitae (preferentially Euro pass CV in pdf format). (please quoted as CV-family name-reference)
- 2.- Short memory summarizing the applicant's career and experience (1 page in pdf format), (please quoted as SM-family name-reference).

REFERENCE CINBIO - 9 Cancer Genomics. Predoctoral.

Profile: The Biomedical Research Center (CINBIO) offers a full-time **predoctoral position** in Cancer Genomics.

Requested Degree: MSc in Biology or another related scientific disciplines.

Skills: A new position for a Geneticist specialized in marine bivalves is available at a new group. The research group is increasingly interested in the identification of drivers of cancer

transmissibility in clonally transmissible cancers (i.e., cancers that are transmitted between individuals by direct transfer of living cancer cells). The candidate should have:

- MSc in Biology or another related scientific discipline, with relevant experience in marine bivalves' Cytogenetics
- Experience in flow cytometry
- Knowledge of molecular biology techniques
- Excellent communication and team-working skills
- Required language: English (level: Good)

Line of research: Cancer genomics. The post is part of a project to analyse 1,000 cancers, including transmissible tumours. The role will involve diagnosis of leukaemia and other tumours in marine bivalves. Specifically, the role will involve extensive sampling of bivalves across the coast of Europe, diagnosis of tumours using flow cytometry, and karyotyping.

Evaluation criteria:

- Degree requested: Biology or related disciplines. Master's degree.
- Research experience.
- Communication skills.

Salary: The salary is 1250€/month and includes the gross salary + employer social costs. It doesn't include the compensation and company social costs.

Duration: 6 months: January-June 2017.

Candidates should send:

- 1.- Curriculum vitae (preferentially Euro pass CV in pdf format). (please quoted as CV-family name-reference)
- 2.- Short memory summarizing the applicant's career and experience (1 page in pdf format), (please quoted as SM-family name-reference).