

**OPEN CALL FOR TWO INTERIM POSTDOCTORAL RESEARCH
POSITIONS, AT CINBIO, UNIVERSIDADE DE VIGO**
(Centro Singular De Investigación De Galicia 2016-2019)

The **Biomedical Research Center** (*Centro de Investigaciones Biomédicas, CINBIO, Centro Singular de Investigación de Galicia 2016-2019*, www.cinbio.es) is a multidisciplinary center that covers some of the main research areas in **Biomedicine**. It is meant 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 Center facilitates the exchange of knowledge, resources and technology among the different groups but also with other health centers, universities, regional and local governments and the related industry.

It is organized in several lines of research pursued by different groups from both the University of Vigo and partner Hospitals, with a coordinator that takes care of scientific and technical planning within the five strategic research areas three transversal support areas:

- strategic areas: **CANCER; IMMUNITY AND INFLAMMATION; NEUROSCIENCES; BIOHEALTH AND ACTIVE AGEING; OBESITY AND METABOLIC DISEASES.**
- Transversal areas: **BIostatistics / BIOinformatics / INNOVATION: NEW METHODS IN PREVENTION, DIAGNOSTICS AND THERAPY.**

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 aims at becoming a key player to biomedical research, and now offers **two postdoctoral positions to a highly motivated and qualified researcher on “developing novel applications and tools in health domain using NLP and ABM techniques”**, related to the area of Bioinformatics, in the SI-04 group ([SING, Sistemas Informáticos de Nueva Generación](#)), **based in Ourense**.

The required documents (described in Annex I, and Annex II) have to be sent to cinbio@uvigo.es.
Application deadline: 25 MARCH 2019 (12:00 hours, local time).

All candidates will have an adequate feedback with a message as **proof of delivery**. They all will be considered for employment, and they will not be discriminated based on race, color, religion, sexual orientation, gender, country, age or disability.

All job offers are publicly advertised. The Evaluation Board will select **the candidate/s for recruitment**. **Other qualified candidates** will end up in a **waiting list** for future consideration.

Please, find more information about CINBIO, in our website: www.cinbio.es; and follow the recruitment process here: <http://cinbio.es/en/category/job-opportunities/>

ANNEX I. POSITIONS OFFERED.

REFERENCE: CINBIO 32-33. Postdoc Researchers on Natural Language Processing and Agent Based Modelling in Health

Profile: The Biomedical Research Center (CINBIO) offers **two full-time interim postdoctoral positions to highly motivated and qualified researchers on “developing novel applications and tools in health domain using NLP and ABM techniques”**, related to the area of Bioinformatics, in the SI-04 group ([SING, Sistemas Informáticos de Nueva Generación](#)), **based in Ourense**

Time frame: 3.5 months (starting on may 2019), for both positions.

Mandatory Degrees:

- Degree in Computer Science.
- PhD degree, related to the use of natural language processing techniques or agent based modelling applied to Health domain.

Expected Skills:

- Sound experience in the development of automated workflows using text mining approaches applied to the biomedical domain.
- Sound experience in the design of specific pipelines to process and analyse social networks related to health.
- High expertise in the stages of conception, implementation and evaluation of state-of-the-art approaches to carry out labelling and semantic annotation of texts.
- Experience in developing web applications and visual artefacts especially conceived for large volumes of information.
- High experience in deploying automatic classification and annotation models for biomedical bibliometrics.
- Expertise in development and configuration of computational tools for physical modelling and simulation of cellular process at low level.
- Long-term validated experience in Java programming, database management and data mining.
- Experience in using agent-based modelling platforms, such as Repast or MASON
- Language skills: English
- Visibly high communication skills and ability to work in a research team.

Salary: It is **2000 €/month, before taxes** (gross salary + employee social costs). It is also covered end of contract compensation, and social security costs from employer side.

Evaluation Criteria:

- Official Academic degrees: 40%
- CV, proved experience related to the post: 60%.

Candidates have to send, together with the APPLICATION FORM, ANNEX II, these documents:

- 1.- **Official Degrees.** (Academic records). (name the file: cinbio32-33_YourName_Degrees).
- 2.- **Curriculum vitae** (name the file: cinbio32-33_YourName_CV). This should include:
 - Experience in research projects, and outcomes (publications, patents, etc).
 - International stays: extension, Institution, and work performed.
- 3.- **Cover letter**, summarizing the applicant's career and experience, and interest (one A4 page in pdf format, please name the file cinbio32-33_YourName_Letter).

Please, send these pdf documents to: cinbio@uvigo.es, indicating in email subject the reference: CINBIO 32-33. Postdoc Researcher on Natural Language Processing and Agent Based Modelling in Health

Application deadline: 25 MARCH 2019 (12:00 hours, local time).

Evaluation process:

The Evaluation Board will assess the candidates' expertise, it may request a personal interview, and it will decide on selection and hiring.

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ANNEX II. APPLICATION FORM.

**OPEN CALL FOR TWO INTERIM POSTDOCTORAL RESEARCH
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APPLICANT'S PERSONAL DATA:	
Name and Surname :	NIF, ID Card, Passport:
Address:	City:
Phone 1:	Phone 2:
email:	

Applied position:

- CINBIO-32-33. Postdoc Researchers on Natural Language Processing and Agent Based Modelling In Health**

Files uploaded:

- This application form (annex II). (file cinbio32-33_YourName_Form.pdf)
 Official Degrees, Academic records. (file cinbio32-33_YourName_Degrees.pdf)
 Curriculum vitae. (file cinbio32-33_YourName_CV.pdf)
 Cover letter. (file cinbio32-33_YourName_Letter.pdf)
 Other (explain):

The applicant declares the certainty of the information contained in this application and states that he knows and accepts the bases of this call.

Place: _____, date: _____

Applicant signature.