

CINBIO - Universidade de Vigo
Campus Lagoas Marcosende, 36310, Vigo
+34-986 130 147 – cinbio@uvigo.es · www.cinbio.es

OPEN CALL FOR: 9X EARLY STAGE RESEARCHERS

CINBIO offers 9 positions for EARLY STAGE RESEARCHERS.

Application deadline: 19th May 2021

Research is at the core of everything we do at CINBIO.

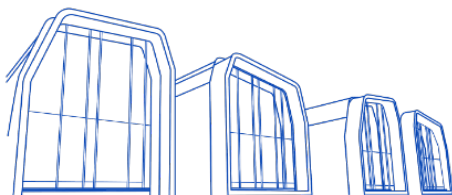
CINBIO is the locus of research for collaborative groups of investigators pushing the frontiers of knowledge forward. We integrate several research groups with diverse but overlapping scientific interests. It brings together experienced researcher to materialise on the synergism of inter/multidisciplinary collaboration, **while mentoring young investigators**. Top level researchers cooperate in a common framework about medicine, biology, chemistry, physics, mathematics, and information technology.

CINBIO is a research Center that houses more than 200 scientists, engineers, technicians, students and support personnel. The creation of CINBIO shows a commitment of the Universidade de Vigo to basic and applied research in the topical areas of biomedicine, biotechnology and nanotechnology.

The activities at CINBIO are structured around four large thematic areas of research related to biomedicine and biotechnology:

- **Molecular medicine (MMED)** is a broad field that focuses on the molecular foundations of diverse conditions (including rare diseases), immune response, and neuroscience and that bridges laboratory science and clinical applications. Our aim is to develop diagnostic and treatment methods and/or identify mechanisms to activate or deactivate diseases.
- **Nutrition and well-being area (HEALTH)** fully explore the relationships between nutrition and environment and human health; specially we focus on nutritional disorders, obesity and metabolism; and the microbiome (with the acquisition of antioxidants and the development of prebiotics), bacteria, toxins and therapeutic agents.
- **Nanomaterials and nanotechnology (NANO)**: We provide the infrastructure for the development and research on nanoscale materials which is structured around nanocatalysis, biosensors, nanophotonics, nanomagnetism and nanovaccines.
- **Biostatistics and Information technology (COMP)** for health produces predictive models used for inference in the field of biomedicine and biotechnology, as well as the use of software for the management of such data.

Our fundamental objective is to have a **multiplier effect on society and give back highly specialised professionals, scientific knowledge, and transference**. To solidify the future of our research, CINBIO endeavours to light the **spark of creativity** in up-and-coming researchers and **attract the talent** of established experts in highly technical fields. With this goal in mind, the mission of CINBIO includes the



reinforcement of the interest of young researchers, increasing the number of postgraduate students with training in the field of R&D&i, promoting the development of highly competitive researchers and motivating postgraduates to continue their research career and obtain a PhD. The aim of this programme is to encourage **EARLY-STAGE RESEARCHERS** to achieve a PhD and to help them to improve their research-related skills and competencies within a doctoral programme in a collaborative, multidisciplinary and high-competence research environment.

This initiative has born in 2020 in accordance with the strategy of the Centre. This call is funded under the framework of grants obtained by RESOLUTION of 13 December 2019 in accordance with the Order of 19 September 2019 establishing the regulatory bases of the competitive call for the accreditation, structuring and improvement of research centres of the Galician University System, 80% co-financed by the European Regional Development Fund (ERDF), within the framework of the Feder Galicia 2014-2020 Operational Program.

We follow the University of Vigo's strategy of HR Excellence in Research, and HRS4R -Human Resources Strategy for Researchers, to guarantee the transparency, and ensuring the equal treatment of all applicants. All vacancies are openly advertised. CINBIO is an Equal Employment/Equal educational Opportunity institution. All qualified applications will be considered ensuring an equal treatment, without regard to race, colour, religion, national origin, sex, sexual orientation gender identity, gender expression, pregnancy, age, or any other legally protected basis, and will not be discriminated against because of their protected status.

CONDITIONS FOR APPLICATIONS

1. SUBJECT

Selection process for 9 vacancies as Early Stage Researchers to start a pre-doctoral training. The aim of this call will be focussed to identify skills and competencies of new researchers.

This is an opportunity to conduct innovative research activities in collaboration with high level public research groups. **The ESRs must not already have a doctoral or have been granted in previous calls.**

2. CANDIDATE REQUIREMENTS

- European nationality (due to limitations of time for the recruitment of staff, the candidate is required to have European nationality or a work permit for Spain).
- Master's degree in fields related but not limited to Biology, Chemistry, Mathematics, Informatics, Engineering, Physics or Medicine. We will also consider students who will obtain the master's degree before 2022.
- Hold an official grade's degree obtained after 1 January 2018, entitling you to embark on a doctorate for the first time. Qualifications should be adapted to European Qualifications Framework. Candidates must hold a degree that formally entitles them to embark on a doctorate.



3. SKILLS:

- Excellent academic record, and strong interest in research, to join an established center with multiple lines of biomedical and biotechnology research, that will sure suit your curiosity.
- Highest motivation to carry out scientific experiments in a reliable and efficient way, excellent communication skills; and willing to advance on your PhD pursuit.
- Focus on the daily work, proactive, attentive to detail, autonomous, and able to collaborate in the lab tasks.
- Participation on dissemination activities.
- Command of English language and ability to work in an international context.

4. APPLICATION PROCEDURE

Deadline for submission will be open for ten working days, after its publication on the website <https://cinbio.es/gl/category/emprego/>

Applications can only be submitted electronically via the form provided for this purpose. Candidates must submit and include in the application **all the documentation requested** (not being accepted those applications that do not comply with this formality. CINBIO will automatically reject these candidates).

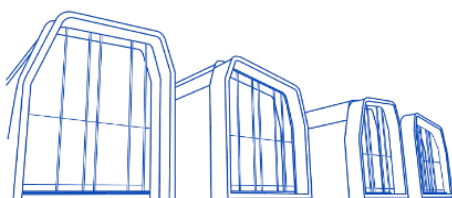
Once the application period has ended, the provisional list of admitted and excluded will be published on the CINBIO website, opening a period of 10 natural days after its publication to correct errors or provide the relevant documents. If all applicants are admitted, this process will be considered completed. After this period, the final resolution of admitted and excluded will be published.

5. SUPPORTING DOCUMENTATION

Applicant must submit:

- Curriculum Vitae (filename CINBIO21005_Yourname _CV.pdf).
- Academic Record: (filename CINBIO21005_YourName _Degree.pdf).
- Motivation letter (1 page, filename CINBIO21005_YourName _letter.pdf).

The submission of the application implies the knowledge and acceptance of all the conditions indicated in this call and the candidate declares to fill in the register with true, exact, complete and updated data.



6. SELECTION PROCEDURE

Applications will be evaluated by a specific committee composed by at least three members. The Selection Committee shall evaluate all the applications taking into consideration the specifications of each project and the eligible criteria established.

Composition of this committee and the valuation criteria are included in ANNEX I of this call.

Additional info can be requested during the selection procedure.

The commission will select candidates that can be invited for a **face-to-face or remote interview**. A contract will be offered to the selected final candidate; the others will end up on a waiting list.

All qualified applications will be considered, and not discriminated against on the grounds of race, colour, religion, sex, sexual orientation, gender identity, nationality, age or disability.

Each candidate will be evaluated as follows:

- CV/ Academic record: up to 80 %
- Interview to pre-selected candidates – up to 20 %

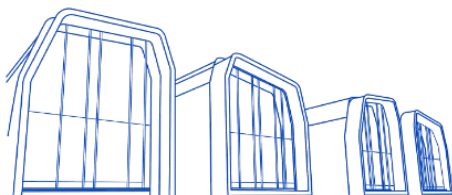
7. SUBMISSION DEADLINE:

Deadline for the submission of online applications is 19 May 2021.

8. CONTRACT SPECIFICATIONS

Temporary full-time contract for an initial period of 6 months.

The gross salary is up to 1500 €/month (12 payments per year. This includes salary and employee social costs (before taxes and compulsory social and security contributions).



ANNEX I
POSITION EARLY-STAGE RESEARCHERS – REF. CINBIO21/005

JOB POSITION INFORMATION	
Job function	Early-stage Researchers
Type of contract	Full time work contract
Contracts are expecting starting date	1-15 July 2021
Contract duration	6 months aprox.
Working hours	Full time (40h/week)
Salary	1.500,00€ gross/month
Place of work	CINBIO_ (Campus Univ. de Vigo/Campus Universitario Ourense) depending on the selected area

Requirements:

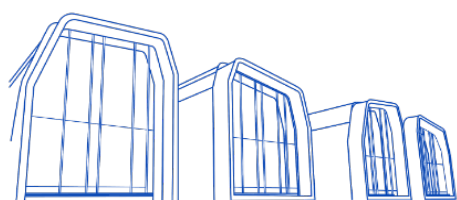
- European nationality (due to limitations of time for the recruitment of staff, the candidate is required to have European nationality or a work permit for Spain).
- Master's degree in fields related but not limited to Biology, Chemistry, Mathematics, Informatics, Engineering, Physics or Medicine. We will also consider students who will obtain the master's degree before 2022.
- Hold an official grade's degree obtained after 1 January 2018, entitling you to embark on a doctorate for the first time. Qualifications should be adapted to European Qualifications Framework. Candidates must hold a degree that formally entitles them to embark on a doctorate.

Evaluation criteria:

- CV/ Academic record: up to 80 %
- Interview to pre-selected candidates – up to 20 %

Preferred areas of interest (please, choose 3 in order of preference) *
❖ Molecular medicine Area:

- Computational Molecular Evolution – CME (MMED) <https://cinbio.es/en/CME>
- Immunology - IN1 (MMED) <https://cinbio.es/inmuno>
- Neurocircuits – NCS (MMED) <https://cinbio.es/en/NCS>
- Neuroscience - FB3 B (MMED) <https://cinbio.es/neurociencia>
- Organic Chemistry Innovation and Development – ORCHID (MMED) <https://cinbio.es/orchid>
- Phylogenomics – Filo (MMED) <https://cinbio.es/filo>
- Rare Diseases Lab (MMED) <https://cinbio.es/raras>
- Synthetic Biology Group - SynBio (MMED) <https://cinbio.es/SynBio>



❖ Nutrition and well-being Area:

- Applied Physics – FA2 (HEALTH) <https://cinbio.es/fa2>
- Biomass and Sustainable development - EQ-2 (HEALTH). <https://cinbio.es/eq2>
- Endocrinology - labEndo (HEALTH) <https://cinbio.es/labendo>
- Innovation in agribusiness and health – CI8 (HEALTH) <https://cinbio.es/ci8>

❖ Nanomaterials and nanotechnology Area:

- Functional Nanobiomaterials - FunNanoBio (NANO) <https://cinbio.es/funnanobio>
- Group of Advanced Materials for Energy – GAME (NANO) <https://cinbio.es/en/GAME>
- Magnetic Materials Group - MMG (NANO) <https://cinbio.es/mmg>
- Materials Chemistry and Physics Group – MCPG (NANO) <https://cinbio.es/en/MCPG>
- TeamNanoTech - TNT (NANO) <https://cinbio.es/tnt>

❖ Biostatistics and Information technology Area:

- New Generation Computer System - SING (COMP) <https://cinbio.es/sing>
- Statistical Inference, Decision and Operations Research Group -SIDOR (COMP) <https://cinbio.es/sidor>

* The initially referenced areas selected can be extended with the candidates to avoid that one group welcome more than one Early-Stage researcher and prioritizing those groups that have not incorporated any ESRs in previous calls.

Selection committee:

- President: Dr. Miguel Correa Duarte
- Secretary: Dr. Diana Valverde
- Committee member: Dr. David Posada

The committee can invite pre-selected candidates for a **face-to-face** or **remote interview** or decide that the position cannot be covered by the applicants received. A contract will be offered to the approved final candidate; the others will end up on a waiting list.

+ INFO: <https://cinbio.es/gl/category/emprego/>

