

## PUBLIC CALL

### DOCTORATE IN BIOSCIENCES AND BIOTECHNOLOGY 2023

#### Candidate Selection for the *Stricto Sensu* Graduate Program at the Carlos Chagas Institute/ FIOCRUZ-PR

The **Carlos Chagas Institute, Oswaldo Cruz Paraná Foundation (ICC/FIOCRUZ-PR)** is publicizing, for the benefit of interested parties, the deadlines and candidate selection criteria for the **Doctorate Course of the *Stricto Sensu* Graduate Program in Biosciences and Biotechnology at the ICC/FIOCRUZ-PR (PPGBB-ICC)**.

#### 1. INTENDED PUBLIC

The doctorate is of a multidisciplinary nature, and the candidate is required to have completed a higher education course and, preferably, a master's degree.

#### 2. REGIME AND DURATION

The *Stricto Sensu* Doctorate course in Biosciences and Biotechnology at the Carlos Chagas Institute (PPGBB-ICC) requires a commitment of 40 hours per week and is expected to last four years (48 months). This includes time for writing and defending a dissertation.

#### 3. NUMBER OF VACANCIES

Up to **15 vacancies** will be made available, **still without provision for scholarships**, with up to one vacancy reserved for candidates who self-declare to be disabled, three vacancies for candidates who self-declare to be of African descent (Afro-Brazilians and *pardos*), and one vacancy for indigenous candidates, in accordance with Ordinance 491/2021, published by the Presidency of Fiocruz in September 2021. The result of the selection process will be valid for six months, starting from the start date of enrollment. The scholarships that may be available will be given in order of classification of the candidates.

#### 4. REGISTRATION

All registration information can be obtained on the **SIGA Platform website (<http://www.sigass.fiocruz.br>)**, **Registration Link > Biosciences and Biotechnology**. Candidate(s) interested in the doctorate must complete the **electronic registration form**, available on the Platform's website, which must later be **signed** and sent electronically, **together with all other documents** (item 5), to the coordination of the ICC/FIOCRUZ-PR PPGBB at: [selecaoPPGBB@gmail.com](mailto:selecaoPPGBB@gmail.com) before the registration deadline at **5:00 p.m. on 11/07/2022**.

**Notes:**

- Applications will only be accepted using the specific PPGBB-ICC forms, available at the above electronic address and attached to this call for applications, completed as per the given models.
- At <http://www.sigass.fiocruz.br>, include the name of the PPGBB supervisor; if the name of the supervisor is not registered, include it manually or write "to be defined."

**5. DOCUMENTS REQUIRED FOR REGISTRATION (all to be sent electronically)**

- Electronic registration form (signed by the candidate): available on the SIGA Platform ([www.sigass.fiocruz.br](http://www.sigass.fiocruz.br)), Registration Link > Biosciences and Biotechnology (instructions Annex I)
- Candidate's Curriculum Lattes: completed and updated on the Lattes Platform (<https://lattes.cnpq.br/>).
- Descriptive letter detailing the candidate's professional academic trajectory, which should be a maximum of three pages long (size A4; font Arial 12, spacing 1.5, margin 1.5 cm).
- Detailed proposed research project to be carried out during the doctorate. This document must be a maximum of ten pages long (A4 size; font Arial 12, spacing 1.5, margin 1.5 cm), and it must be divided into the following sections: Abstract, Introduction, Objectives, Experimental Approach, Schedule, and Bibliographic References.
- Letter from a PPGBB-accredited teacher (<https://www.posgraduacao.icc.fiocruz.br/docentes/>) stating that they will supervise the candidate in case of approval in the selection process.
- Proof of the curricular items listed in item 7.2.
- Digital copy of undergraduate and master's academic transcripts.
- Declaration of reading, understanding, and agreement of the terms of the public call for applications, signed by the candidate in accordance with Annex II.

- 6. ALL** the above documents must be scanned and grouped together in a single file (pdf format), which must be sent to the PPGBB coordination office at the following email address: [selecaoppgbb@gmail.com](mailto:selecaoppgbb@gmail.com) by **5:00 p.m.** on the date of the deadline.

**6.1** For the registration to be **approved**, the **scanned version of the application** must be sent before the registration deadline. Applications with incomplete documentation, those which are sent after the deadline has passed, or those which do not follow the templates for each form will not be accepted. A shortlist of candidates whose applications have been approved will be made available on the **SIGA** platform (**Registration Link > Biosciences and Biotechnology**). No information will be provided by phone.

**6.2** In order for the candidate to be accepted, the supervisor must comply with the mandatory teaching activities established in the regulations of the Graduate Program in Biosciences and Biotechnology. Applications submitted by teachers whose accreditation to the PPGBB is pending will be analyzed by the Program Collegiate and may be rejected.

## **7. SELECTION PROCESS**

### **7.1** Analysis of research project.

The Selection Committee will evaluate the adherence of the candidate's project to the PPGBB research lines; other aspects to be taken into consideration will also include the feasibility of the scientific proposal and the clarity of the project proposal. At this stage, the project proposals submitted by each candidate will be evaluated as fitting the criteria, or they will be eliminated.

### **7.2** Curriculum analysis: 3 points

The Selection Committee will consider the following factors to assign a grade from 0 (zero) to 3 (three) for curriculum analysis:

- Having previously carried out a scientific initiation or internship in the area of Biosciences and Biotechnology, proven by a document or declaration (0.5 points per 6-month period, maximum possible score of 1 point).
- Scientific articles published in peer-reviewed journals in the area of biosciences and biotechnology and/or patents (0.5 points per article as the first author in a journal with an impact factor greater than 3.5; 0.25 points per article as the first author in a journal with impact factor less than 3.5; 0.25 points per article as co-author in journal with impact factor greater than 3.5, 0.1 points per article as co-author in journal with impact factor less than 3.5, 0.5 points per patent obtained, 0.2 points per patent applied for). The maximum possible score is 1 point.
- Have carried out the defense for a master's degree (1 point).

### **7.3** Oral test:

The oral test will be held remotely by a panel composed of 1 internal PPGBB member and 2 external members. The test will be divided into two stages and will last up to 30 minutes. In the first stage, the candidate will make a presentation lasting up to 15 minutes about their academic career and proposal for the doctorate. Questions will then be asked by the members of the selection committee for up to 15

minutes. Questions can be asked about the candidate's trajectory, the scientific project being presented, and theoretical questions related to biosciences and biotechnology.

The judging panel will consider the following factors when assigning a score from 0 (zero) to 7 (seven) for the oral test:

- The quality of the presentation on the candidate's professional career (maximum of 2 points);
- The professional maturity of the candidate and technical-scientific training to carry out the doctorate (up to 3 points);
- The conceptual domain over the proposal for the doctorate (up to 2 points).

## 8. FINAL GRADE AND CLASSIFICATION OF THE CANDIDATE(S)

The approved candidate(s) will be ranked by the sum of the oral test and curriculum grades. Candidates' final grades will be the average of the grades awarded by each member of the selection committee. Candidates with a final grade of less than 7 will be eliminated.

In the event of a tie, the tiebreaker criteria listed below will be adopted in the following order:

- I. the highest score in the oral test;
- II. oldest chronological age of the candidate, day/month/year.

## 9. ENROLLMENT

At this stage, the approved candidate(s) must present the documents listed below at the PPGBB Academic Department in order to enroll. If any of these documents are not delivered, the enrollment cannot take place, and the candidate will be disqualified.

- a. Photocopy of the undergraduate degree (front and back);
- b. Photocopy of the undergraduate school transcript;
- c. Photocopy of Identification Document (RG) with photo (front and back);
- d. Photocopy of the CPF (front and back);
- e. A 3x4 photograph;

f. Photocopy of the marriage certificate, in case there has been a name change since obtaining the degree.

**Note:** Photocopies should be sent in A4 format.

## CALENDAR

	SELECTION STAGES	DATES
1	Enrollment period	10/15 to 11/07/2022
2	Result of the approval of the inscriptions	11/10/2022
3	Application for an appeal concerning the approval of the registration	until 11/11/2022
4	Results of the evaluation on suitable projects, as per item 7.1	11/17/2022
5	Request for an appeal of the evaluation of suitable projects according to item 7.1	until 11/18/2022
6	Oral test	11/21-11/25/2022
7	Classification result	11/30/2022
8	Oral test appeal period and curriculum score	until 12/02/2022
9	Final classification result	12/06/2022



10	Enrollment of approved candidates	From 02/01/2023

## 10. GENERAL PROVISIONS

**10.1.** The partial results and the final classification (based on the candidate's registration number) will be published on the website <https://www.posgraduacao.icc.fiocruz.br>.

**10.2.** All cases not considered in this public call for applications will be solved by the PPGBB-ICC Selection Committee. Appeals should be sent to [seleccaoppgbb@gmail.com](mailto:seleccaoppgbb@gmail.com)

**10.3.** The entire selection process will be carried out remotely at a virtual address to be disclosed later.

**Curitiba, September 30, 2022**

**Academic Department of the Carlos Chagas Institute – Fiocruz Paraná**

***Stricto Sensu* Graduate Program in  
Biosciences and Biotechnology**

Rua Prof. Algacyr Munhoz Mader 3775  
CIC / 81350-010 / Curitiba - PR

## **ANNEX I – GUIDELINES FOR COMPLETING THE ELECTRONIC FORM**

1. The electronic form for candidate registration must be completed online; use the arrows at the bottom of the screen or the menu on the left of the screen in order to advance to the next page. It is possible to save changes at the final screen, and additions and changes can subsequently be made when re-entering the system with the same CPF number (for Brazilian candidates) or passport number (for foreign candidates).
2. All fields with an asterisk must be filled in.
3. On the screen entitled "**Possible Supervisors**," please give the name of the program supervisor.
4. On the screen entitled "**Work Plan**," the candidate must enter the project title, as well as the abstract presented in the work plan required for registration in the selection process.
5. On the screen entitled "**Academic Training**," the candidate is required to provide details on "Undergraduate" and "Master's" qualifications. Other levels are optional;
6. Upon completion of the form, the applicant must save it. The candidate will then receive a registration number, and an email will also be sent to them so that they can check their registration;
7. To print the completed form, click the "Registration Form (PDF)" button on the final screen. The completed form must be printed in the "documento.pdf" format, and the applicant must sign, scan and submit it, along with the required documentation.
8. If you have questions and/or problems regarding the SIGA Electronic Form, please write to: [sigass@fiocruz.br](mailto:sigass@fiocruz.br), not forgetting to provide the full name and name of the course/program to which you are applying.

**ANNEX II - Declaration of having read, understood, and agreed to this public call for applications**

I declare that **[name of candidate]**, enrolled in the doctorate selection process of the Graduate Program in Biosciences and Biotechnology, is aware of and agrees with the provisions outlined in the Public call for application of the election process 2023 and its annexes. The candidate is responsible for understanding their application, as well as the veracity and legitimacy of the information and documents presented during the selection process.

Location, date

(Name and signature)