



UNIVERSIDADE FEDERAL DE PELOTAS  
THE OFFICE OF THE DEAN FOR RESEARCH AND GRADUATE STUDIES  
CENTER FOR TECHNOLOGICAL DEVELOPMENT

Graduate Program in Biotechnology

**PUBLIC CALL N° 091/2022**

**SELECTION PROCESS FOR REGULAR STUDENTS (2022/2)**

Program recommended by CAPES in 2002.

The Federal University of Pelotas, considering the provisions of the *Stricto Sensu* Regulations of the Dean's Office for Research and Graduate Studies and the Coordination of the Graduate Program in Biotechnology (PPGBiotec), discloses to the public the selection process for candidates interested in the said Program, under the terms established in this Call.

**I - APPLICATIONS**

Applications for the Selection Process of the Graduate Program in Biotechnology (MSc and PhD) will be open from **June 09, 2022 to July 18, 2022** exclusively on-line through the e-mail [processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com).

Candidates who hold a degree in life sciences and exact sciences are eligible to apply.

The documents required for the application process must be submitted only by email: [processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com). Candidates must send all the required documents by 11.59 pm (Brasília time zone) of July 18, 2022. Applications submitted after this deadline will not be accepted.

Candidates are responsible for checking their e-mail and contacting the Program's office if no confirmation regarding their application process is received by writing to [processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com).

All required copies of the documents must be legible and sent exclusively as Portable Document Format (PDF) files.

**1.1 - To apply for the master's degree program:**

a) **Form 1** (application form) available at (<https://wp.ufpel.edu.br/ppgbiotec/>), in PDF format. Candidates must inform a *Gmail* e-mail address in the application form.

b) Scanned legible copy of **undergraduate transcripts** in PDF format.

c) Scanned legible copy of the **Graduate diploma** or the **minutes of the graduation ceremony** or **attestation of expected completion of undergrad school** up to 15/08/2022 in PDF format. Attestations informing the expected completion of the undergraduate program will not be accepted for registration purposes.

- d) Scanned, legible copy of one of the following identification documents: **Identity card** or **Driving license** (front and back, allowing for photo identification) or **National Register of Foreigners - RNE**, in PDF format. The updated/current new version of the national identity card will be required for Brazilian applicants to earn the degree.
- e) Scanned, legible copy of the Social Security Number (**CPF**), in PDF format.
- f) Scanned, legible copy of **the birth certificate** or **marriage certificate** in PDF format.
- g) **Curriculum evaluation table** available at: <https://wp.ufpel.edu.br/ppgbiotec/> filled out and documented according to the guidelines of the *Manual de preenchimento da planilha*, available at <https://wp.ufpel.edu.br/ppgbiotec/>, in PDF format. Applicants must indicate only one supervisor in the table. The supporting documents must be legible, sent in PDF format, and numbered according to the guidelines of the *Manual de preenchimento da planilha*.
- h) Scanned, legible copy of the **voter registration card** in PDF format.
- i) Scanned, legible copy of the **military discharge certificate**, mandatory for male applicants, in PDF format.
- j) Scanned copy of a **3x4cm photography**, in PDF format.
- k) **Curriculum Vitae** (Lattes CV - registered on the CNPq platform). An updated version of the curriculum must be submitted in PDF format and be available online.
- l) Self-declared black applicants must use a specific document available at <https://wp.ufpel.edu.br/ppgbiotec/> (legible). This document will be submitted to UFPEl's Affirmative Actions and Diversity Center, which will nominate a heteroidentification committee to analyze the self-declaration documentation. **The examining commission will interview these candidates in person at the end of the selection period, on August 30, 2022.**
- m) Indigenous applicants must present a legible copy of the Indigenous Birth Registration Report (RANI) or a FUNAI statement, and a statement of leadership of the community to which they belong in PDF format.
- n) *Quilombola* applicants must present a legible statement of leadership of the community to which they belong in PDF format.
- o) Disabled applicants must submit a legible medical report informing their disability code under the International Classification of Diseases – CID, in PDF format.
- p) Affirmative action candidates must choose to run for a seat in just one category when applying. They must submit the form or document specifically required for those seats under CONSUN Resolution no. 05/2017 or those ruled by CONSUN Resolution no. 54/2021, since the simultaneous competition for affirmative action openings is forbidden.
- q) UFPEl staff applicants must submit a legible screenshot, PDF file of their working profile page in the institutional UFPEl website featuring their SIAPE number and department.
- r) Self-declared transvestite and transgender applicants must use a specific institutional document available at <https://wp.ufpel.edu.br/ppgbiotec/>. This document must be legible and will be submitted to the Gender and Diversity Center at UFPEl in PDF format.

## 1.2 - To apply for the PhD program:

- a) **Form 1** (application form) available at (<https://wp.ufpel.edu.br/ppgbiotec/>), in PDF format. Candidates must inform a *Gmail* e-mail address in the application form.
- b) Scanned, legible copy of the **master's transcripts** in PDF format.
- c) Scanned, legible copy of the **master's degree** or **minutes of the defense of the master's thesis or attestation with the expected date of defense** until 15/08/2022 in PDF format. **Attestations informing the expected defense of the master's thesis** will not be accepted for registration purposes.

- d) Scanned, legible copy of one of the following identification documents: **Identity card** or **Driving license** (front and back, allowing for photo identification) or **National Register of Foreigners - RNE**, in PDF format. The updated/current new version of the national identity card will be required for Brazilian applicants to earn the degree.
- e) Scanned, legible copy of the Social Security Number (**CPF**), in PDF format.
- f) Scanned, legible copy of **the birth certificate** or **marriage certificate** in PDF format.
- g) **Curriculum evaluation table** available at: <https://wp.ufpel.edu.br/ppgbiotec/> filled out and documented according to the guidelines of the *Manual de preenchimento da planilha*, available at <https://wp.ufpel.edu.br/ppgbiotec/>, in PDF format. Applicants must indicate only one supervisor in the table. The supporting documents must be legible, sent in PDF format, and numbered according to the guidelines of the *Manual de preenchimento da planilha*.
- h) Scanned, legible copy of the **voter registration card** in PDF format.
- i) Scanned, legible copy of the **military discharge certificate**, mandatory for male applicants, in PDF format.
- j) Scanned copy of a **3x4cm photography**, in PDF format.
- k) **Curriculum Vitae** (Lattes CV - registered on the CNPq platform). An updated version of the curriculum must be submitted in PDF format and be available online.
- l) Self-declared black applicants must use a specific document available at <https://wp.ufpel.edu.br/ppgbiotec/> (legible). The document will be submitted to UFPel's Affirmative Actions and Diversity Center, which will nominate a heteroidentification committee to analyze the self-declaration documentation. **The examining commission will interview these candidates in person at the end of the selection period, on August 30, 2022.**
- m) Indigenous applicants must present a legible copy of the Indigenous Birth Registration Report (RANI) or a FUNAI statement, and a statement of leadership of the community to which they belong in PDF format.
- n) *Quilombola* applicants must present a legible statement of leadership of the community to which they belong in PDF format.
- o) Disabled applicants must submit a legible medical report informing their disability code under the International Classification of Diseases – CID, in PDF format.
- p) Affirmative action candidates must choose to run for a seat in just one category when applying. They must submit the form or document specifically required for those seats under CONSUN Resolution no. 05/2017 or those ruled by CONSUN Resolution no. 54/2021 since the simultaneous competition for affirmative action openings is forbidden.
- q) UFPel staff applicants must submit a legible screenshot, PDF file of their working profile page in the institutional UFPel website featuring their SIAPE number and department.
- r) Self-declared transvestite and transgender applicants must use a specific institutional document available at <https://wp.ufpel.edu.br/ppgbiotec/>. This document must be legible and will be submitted to the Gender and Diversity Center at UFPel in PDF format.

Each document required for the application must be either submitted in PDF format and compressed in ZIP format or by Google Drive link.

The files of each document must be named as specified above.

No candidate will be allowed to participate in any phase of the selection process if the documentation required for their application is pending.

No application fees will be charged.

Information concerning the application process can be obtained via email ([processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com)) from Monday to Friday. Business hours: 8:00 am - 1:00 pm / 2:00 pm - 5:00 pm.

The preliminary list of approved applications will be published in alphabetical order on **July 20, 2022** at <https://wp.ufpel.edu.br/ppgbiotec/>.

The final list of approved applications will be published in alphabetical order on **July 26, 2022** at <https://wp.ufpel.edu.br/ppgbiotec/>.

## II- THE SELECTION PROCESS

The public selection process will be carried out in 3 phases: by the supervisor (Phase I) and by an examination committee appointed by the Board of the Biotechnology Graduate Program (Phases II and III).

**2.1 - The first phase** will be carried out by the supervisor chosen by the candidate and will cover the following items:

**A ten-minute defense of the candidate's professional oral biography** (this process will be carried out online). Points to be considered: CV evaluation (experience in research activities, scientific production, participation in scientific events - weight 5.0); objectivity, clarity, and use of teaching and audiovisual material (weight 2.0), argumentation capacity and specialized knowledge (weight 2.0); use of time available (weight 1.0).

This first phase is **eliminary**. Candidates must reach a minimum required grade of 7.0 out of a 10.0 maximum grade to advance to the second phase. It should be noted that the grade obtained in this phase will not be computed for the next phase.

This phase will take place from **August 04 to August 05, 2022**. Supervisors are responsible for informing their respective candidates on how the process will be conducted (day and time).

Each supervisor can select a number of candidates twice the number of openings for each level. These candidates will be able to advance to the next phase of the selection process.

A preliminary list of candidates selected for the second phase will be published in alphabetical order on **August 09, 2022** at (<https://wp.ufpel.edu.br/ppgbiotec/>).

The final list of candidates selected for the second phase will be published in alphabetical order on **August 15, 2022** at (<https://wp.ufpel.edu.br/ppgbiotec/>).

**2.2- The second phase** will consist of a remote technical-scientific objective test of **eliminary and classifying nature** (maximum score of 10) on **August 22, 2022 at 09:00 a.m.** (via e-mail by online form). The test will consist of multiple-choice and discursive questions on the interpretation of a scientific article in English within the broad scope of the program's research lines. The online exam will last up to 2 hours and 30 minutes. The cut-off point will be equivalent to 50% of the highest score obtained in the online test. Candidates who do not reach the cut-off point will be eliminated from the selection process. In case there is only one applicant in the selection, the cut-off point will be 50% of the maximum score.

**2.3- The third phase** will consist of the evaluation of the documented Curriculum table available at (<https://wp.ufpel.edu.br/ppgbiotec/>). This documentation must be sent via email ([processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com)) or by Google Drive link on the date established in this Call.

This phase is **classifying**.

## III-EVALUATION CRITERIA

The Examining Commission will consider:

### 3.1 - SCORES

#### a) Online Test

This exam will be marked by a committee of 2 (two) evaluators (PPGBiotec professors) accompanied by 1 (one) student representative who will assign a score according to the answer key.

This test will consist of eighteen multiple-choice questions and two open-ended questions based on the interpretation of one scientific article in English, common to all candidates, within the broad scope of the program's research lines and technical questions on the subject. Two open-ended questions will be worth 1.4 each (technical objectivity (0.5), development (0.5), and clarity (0.4)) and eighteen questions will be worth 0.4 each.

#### b) Analysis of the curriculum

Conditioning upon the correct completion of the table available at <https://wp.ufpel.edu.br/ppgbiotec/>, the Examining Commission will evaluate the curricula based on the score obtained in this table without the need for the candidate to be present. The sum of the points of the best curriculum of the candidates of each level (master's and doctorate) will be equivalent to grade 10; the other curricula will be scored proportionally to this one. Only the CVs of candidates who score above the cut-off point established in this public call will be evaluated.

### 3.2 - CLASSIFICATION

Article interpretation test - Weight 5.0

Curriculum analysis- Weight 5.0

### IV-OPENINGS

Total - 16 openings for the Master's Degree Program (M) and 18 openings for the PhD Degree Program (D) distributed as follows:

| Supervisor   | Main research lines  | Master's degree openings | Doctoral degree openings |
|--|--|--------------------------|--------------------------|
| <a href="#">Angela Nunes Moreira (PhD)</a>         | Food Microbiology  | 01                       | 01                       |
| <a href="#">Angelita da Silveira Moreira (PhD)</a> | Production, characterization, and application of biopolymers | 01                       | 01                       |
| <a href="#">Carlos Castilho de Barros (PhD)</a>    | Biotechnology applied to human health                        | 01                       | 02                       |
| <a href="#">Fabiana Kömmling Seixas (PhD)</a>      | Cancer biotechnology   | -                        | 01                       |
| <a href="#">Fabio Pereira Leivas Leite (PhD)</a>   | Applied microbiology   | 02                       | 02                       |
| <a href="#">Fabricio Rochedo Conceição (PhD)</a>   | Vaccinology and applied immunology                           | -                        | 01                       |
| <a href="#">Frederico Schmitt</a>                  | Bioinformatics and computational                             | -                        | 01                       |

|  |   |    |    |
|--|---|----|----|
| <a href="#">Kremer (PhD)</a>                   | biology   |    |    |
| <a href="#">Luciano da Silva Pinto (PhD)</a>   | Bioinformatics, molecular biology and nanotechnology        | 01 | -  |
| <a href="#">Lucielli Savegnago (PhD)</a>       | Biotechnology applied to depression and Alzheimer's disease | 01 | 01 |
| <a href="#">Marcio Nunes Correa (PhD)</a>      | Metabolism disorders and drug development                   | 02 | 01 |
| <a href="#">Odir Antonio Dellagostin (PhD)</a> | Immunology and molecular biology                            | 01 | 01 |
| <a href="#">Patricia Silva Diaz (PhD)</a>      | Fermentation process technologies                           | 01 | 01 |
| <a href="#">Sibele Borsuk (PhD)</a>            | Vaccinology and molecular parasitology                      | -  | 01 |
| <a href="#">Thomaz Lucia Júnior (PhD)</a>      | Animal Reproduction   | 01 | -  |
| <a href="#">Tiago Veiras Collares (PhD)</a>    | Cancer biotechnology  | 01 | -  |
| <a href="#">Vanessa Galli (PhD)</a>            | Plant biotechnology   | 02 | 02 |
| <a href="#">Vinicius Farias Campos (PhD)</a>   | Structural genomics   | 01 | 02 |

According to Resolution 005/2017 (CONSUN/UFPEL), 25% of the openings and all scholarships will be reserved for affirmative action candidates (Afro-descendant, *quilombola*, indigenous, or disabled people) (<https://wp.ufpel.edu.br/scs/files/2010/08/Resolu%C3%A7%C3%A3o-n.-05-de-26-de-abril-de-2017.pdf>)

According to resolution 09/2019 (CONSUN / UFPEL), 10% of the openings will be reserved for UFPEL staff (<https://wp.ufpel.edu.br/scs/files/2019/06/RES.-092019-Aprova-a-pol%C3%ADtica-de-vagas-discentes-nos-PPG-stricto-sensu-pAra-servidores-Da-UFPEL.pdf>).

According to resolution 54/2021( CONSUN / UFPEL), 5% of the openings will be reserved for transvestite or transgender people (<https://wp.ufpel.edu.br/scs/files/2021/05/Res.-54-CONSUN.pdf>).

Openings will be filled as follows:

a) For the master's degree: 09 general openings, 04 reserved openings (black, *quilombola*, indigenous or disabled people), 01 reserved openings (transvestite or transgender candidates), and 02 openings for UFPEL staff.

b) For the PhD degree: 10 general openings, 05 reserved openings (black, *quilombola*, indigenous or disabled people), 01 reserved openings (transvestite or transgender candidates), and 02 openings for UFPEL staff.



1. Black, *quilombola*, indigenous, disabled, transvestite or transgender candidates will run simultaneously for the reserved and general openings according to their ranking in the selection process.
2. The approval of black, *quilombola*, indigenous, disabled, transvestite, transgender, and UFPel staff candidates classified within the number of general openings will not be computed for the purpose of filling the reserved openings.
3. In the event that a black, *quilombola*, indigenous, disabled, transvestite, transgender, and UFPel staff candidate approved in a reserved opening withdraws, the spot will be filled, respectively, by the black, *quilombola*, indigenous, disabled, transvestite, transgender, or UFPel staff candidate subsequently classified.

Among the openings reserved for black, *quilombola*, indigenous and disabled people under the terms of this public call, the following proportion will be respected for seats distribution purposes: fifty percent (50%) for black and *quilombola* candidates, twenty-five percent (25%) for indigenous candidates, and twenty-five percent (25%) for disabled candidates.

4. In the event of an insufficient number of black, *quilombola*, indigenous, or disabled candidates in each category, the remaining openings will be distributed among the other affirmative access candidates ruled by Resolution 005/2017 (CONSUN/UFPEL), observing the ranking order.
5. In the event that there are not enough Afro-descendant, *quilombola*, indigenous, disabled, transvestite, or transsexual people and UFPel staff approved to occupy the reserved seats, the remaining openings will revert to the general openings. They will be filled by the other approved applicants, observing the ranking order.
6. The openings filled by UFPel staff under Resolution 09/2019 will not be discounted from those to be filled by affirmative access policies provided for in CONSUN'S Resolutions 05/2017 and 54/2021.

## V – RESULTS

### 5.1 - FIRST PHASE

The preliminary list of candidates selected by each supervisor will be published in alphabetical order on **August 09**, at (<https://wp.ufpel.edu.br/ppgbiotec/>).

### 5.2 - SECOND AND THIRD PHASES

The list with the final classification (organized by candidate's names in ranking order) will be published up to **August 29, 2022** at (<https://wp.ufpel.edu.br/ppgbiotec/>).

Candidates can individually request access to their scores by writing to [processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com).

## VI-SCHEDULE

| Activities  | Dates                   |
|---|-------------------------|
| Deadline for applications via email                   | June 9 to July 18, 2022 |
| Approved applications: preliminary list of candidates | July 20, 2022           |

|   |  |
|---|--|
| Approved applications: final list of candidates | July 26, 2022                          |
| First phase of the selection process            | August 4 and 5, 2022                   |
| First phase: preliminary results                | August 9, 2022                         |
| First phase: final results                      | August 15, 2022                        |
| Second phase of the selection process           | August 22, 2022 - 9 am (Brasilia Time) |
| Final results                                   | Up to August 29, 2022                  |

## VII - APPEALS

The appeal against any of the selection phases must be sent in writing to the Examining Commission at [processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com) within 72 hours from the date of the announcement of the preliminary results.

The Board of the Biotechnology Graduate Program will analyze the appeals taking into account the criteria outlined in this Public Call as well the applicant's access to information and documents concerning the selective process. Likewise, once the need has been demonstrated and the interest justified, any other applicant can also request access to the selection process documents in any of its phases.

## VIII-FINAL PROVISIONS

In case of a tie in the final grade, the candidate scoring the highest in the curriculum will be given priority. Should the tie persists, the candidate scoring the highest in the online test will be given priority.

Those approved up to the maximum number of openings will be called and will be able to register. The other approved candidates may be called upon availability of seats.

Filling up the openings offered by the Graduate Program in Biotechnology is not mandatory.

Proof of English proficiency can be presented until the end of the year of admission into the program. Participation in the process implies, from the start, the knowledge and tacit acceptance of the conditions established in this call.

Candidates are responsible for checking their e-mail and contacting the Program's office if no confirmation regarding their application process is received by writing to [processoseletivoppgb@gmail.com](mailto:processoseletivoppgb@gmail.com).

The final classification of candidates in the selection process will be the criterion used for the granting of scholarships, if available.

Expected scholarships provided by CAPES – 09 PhD quotas and 04 Masters quotas. Quotas and deadlines are conditioned upon availability of CAPES.

Candidates approved in the selection process as alternates may be reassigned to other supervisors with available positions as long as the parties (candidate and new supervisor) agree.

What is not provided for in this Public Call follows the *Stricto Sensu* Program Rules of the Dean's Office for Research and Graduate Studies and the General Rules of the Federal University of Pelotas.

**Pelotas, June 3, 2022.**

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**Professor Sibe Borsuk**



Head of the Graduate Program in Biotechnology (PPGBIOTEC)

In agreement:

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**Professor Flávio Fernando Demarco**

UFPEL Dean for Research, Graduate Studies and Innovation

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**Professor Isabela Fernandes Andrade**

UFPEL PRESIDENT

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**Referência:** Processo nº 23110.016176/2022-55

SEI nº 1723241