

## APPLICATION TO THE DOCTORATE'S DEGREE PROGRAM 2022/1

The Coordinator of the Postgraduate Program in Chemistry of Natural Products of the Research Institute of Natural Products (PPGQPN-IPPN) of the Federal University of Rio de Janeiro makes public that, from **March 7th, 2022 to March 22nd, 2022** the application for the selection process and admission to the Doctorate Program for the primary semester of 2022 will be open.

### 1. THE VACANCIES AND VALIDITY

1.1. There will be 15 places available for admission to the Doctorate Program in the primary semester of 2022, distributed in the areas of Biosynthesis and Chemotaxonomy, Chemical Ecology, Isolation and Characterization of Bioactive Metabolites, Medicinal Chemistry, Theoretical Chemistry, Metabolomics, Analytical and Preparative Methodology and Organic Synthesis.

1.2. This Call will be valid from its publication until the end of the primary semester of 2022.

1.3. The Calls of previous selection processes are considered extinct.

### 2. THE REGISTRATIONS

2.1. Candidates must register for the selection process by sending the documents described in 2.2, PDF format, to [posgrad@ippn.ufrj.br](mailto:posgrad@ippn.ufrj.br).

2.1.1. The registration made by email will be approved only after confirmation of receipt of the registration by the Postgraduate Office.

2.2. Applicants must submit to the Postgraduate Office of the Natural Products Research Institute the following documents:

- a. Original and copy of the master's degree diploma or official statement of defense of the master's dissertation;
- b. Original and copy of the graduation diploma;
- c. Original and copy of identity card (Brazilian citizens only);
- d. Original and copy of CPF (Brazilian citizens only);
- e. Original and copy of the passport, when foreign;
- f. Original and copy of the voter's title (Brazilian citizens only);
- g. Original and copy of the military enlistment certificate for male candidates (Brazilian citizens only);
- h. Documented *Curriculum Vitae* (Curriculum Lattes);
- i. Original and copy of the master's academic school history;
- j. Application for registration, available in Annex I of this Call, signed by the candidate;

- k. A colorful ID sized photo;
- l. Letter of acceptance of the signed advisor.
- m. Copy of the doctoral research project (see section 2.3).

2.3. The doctoral research project should be written in Portuguese or English and should contain no more than five pages, Times New Roman font size 12 and 1,5 spacing between lines. The abstract should address the theme, objectives, methods and present the main bibliographical references of the project.

2.5. Registration is free.

### 3. THE SELECTION AND CLASSIFICATION PROCESS

3.1. The selection process will be carried out by an Evaluation Committee composed of three Professors and one substitute professor, approved at a meeting of the Deliberative Commission of the PPGQPN-IPPN.

3.2. The selection of the candidates will follow the criteria established in Annex II of this Call and the achievement obtained in the selection exam, which will consist of a presentation of the research project submitted by the candidate. The Evaluation Committee will argue the candidate. The candidate will also be subject to a foreign language proficiency exam.

3.3. Candidates who do not hold a Master's Degree in Chemistry (issued by Graduate Programs of the Chemistry area at CAPES) must carry out the written test of the PPGQPN-IPPN Master's selection process. Candidates who obtain a grade equal to or greater than five will be graded for the next stage. Candidates who fail to take the written test will be disqualified.

3.4. The selection exam will consist of a closed session of the doctoral research project presentation with a maximum duration of 20 minutes, followed by oral argument for 10 minutes on the subjects addressed in the project. The Evaluation Committee will assign a score from zero to ten to the candidate.

3.4.1. The selection exam will be held on **March 30th, 2022, starting at 9:00 a.m.** (Brasilia official time). All applicants must present themselves at the beginning for a meeting with the Coordination. Then the presentations will be held in the order of registration.

3.4.2. The Graduate Coordination meeting and the exam will be held in the Google Meet platform. The candidates will be informed about the meeting links the day before the selection.

3.4.3. The presentations will be done in closed session, with the presence candidate and the Evaluation Committee. The candidate must prepare his

presentation and share it with the Evaluation Committee in the platform.

3.5. The candidate will be subject to a foreign language test to verify the ability to read and understand English texts of the literature commonly used in the field of Chemistry on March 31st starting at 9:30 a.m..

3.5.1. The test was carried out through the Google Classroom. Candidates will receive an invitation to access the test by email.

3.6. The evaluation of the *curriculum* will be based on the documentation presented. The candidate who obtains the highest score in the evaluation will be awarded a grade of 10, with the scores of the other candidates being calculated by direct proportion. Only documented activities will be considered for curricular evaluation purposes.

3.7. The final grade of the selection process will be calculated according to the items explained in Annex II. The note of the presentation of the doctoral project will comprise 50% of the final grade and the curriculum analysis will comprise 50% of the final grade.

3.8. Applicants who have a final mark of more than or equal to seven will be approved. Candidates who do not meet this criterion will be considered to be disapproved.

3.9. The classification of the successful candidates will be in the descending order of the final grades. For eventual tiebreaks, the notes of the presentation of the doctoral project of the selection process will be considered.

## 4. THE RESULTS

4.1. The final result will be announced on the Notice board at the Postgraduate Office until **March, 31st 2022**. The announcement will be made through a list containing the names of the candidates selected in order of classification, the grades of the doctoral project presentation, the curriculum and the final grades of each candidate.

## 5. THE REVIEWS

5.1. After the final announcement the candidates can request a review, since it is written and signed properly.

5.1.1. Candidates interested in requesting a review of the written test may do so by e-mail to [postgrad@ippn.ufrj.br](mailto:postgrad@ippn.ufrj.br) on April 1st, 2022.

5.2. The Evaluation Committee will have 5 days after the review request to analyze,

judge and communicate the decision in a written document delivered to the Postgraduate Office. After this period, the candidate will receive a copy of this document by email.

## 6. THE FINAL CONSIDERATIONS

6.1. The final result should be approved at a meeting of the Deliberative Committee of the PPGQPN-IPPN.

6.2. Candidates who are approved and classified in this selection process should contact the Postgraduate Office to obtain information on enrollment. Registration will begin only after ratification of the final result in a meeting of the CDPPG and can be carried out throughout the academic period, obeying the academic calendar of the UFRJ Post-Graduation.

6.3. The granting of scholarships will be conditioned to the availability of quotas. The classification in the selection process does not guarantee the candidate a scholarship quota.

6.4. For further information, please contact:

Office of the Postgraduate Program (PPGQPN-IPPN)

Research Institute for Natural Products

Federal University of Rio de Janeiro

Avenida Carlos Chagas Filho, 373, CCS Building, Block H

University City - 21941-902 - Rio de Janeiro - RJ

email: [posgrad@ipn.ufrj.br](mailto:posgrad@ipn.ufrj.br)

6.5. By signing up for the selection process, the candidate acknowledges and accepts the clauses and conditions established in this Call.

6.6. The Coordination of the Postgraduate Program in Chemistry of Natural Products of the Natural Products Research Institute reserves the right to resolve cases not mentioned and situations not foreseen in this Call.

Rio de Janeiro, March 7th, 2022.

Prof. Fernanda Gadini Finelli  
Graduate Coordinator



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Photo

**APPLICATION  
FORM**

**N°**

**MASTER  
( )**

**DOCTORATE  
( )**

**PERSONAL DATA**

Name:

Gender:

Filiation:

Nationality:

Place of birth:

Marital status:

Birth date:

Passport number:

CPF:

Address:

City:

State:

Zip code:

Phone number:

E-mail:

**FORMATION**

**Graduation**

Graduation course:

Institution:

Graduation date:

**Post-graduation**

Post-graduation course:

Institution:

Post-graduation date:

**Current occupation**

Role:

Occupation area:

Institution:

Other information you consider convenient:

I declare that the information contained in this form is complete and true.

date:

Signature:

## ANNEX II

### CRITERIA FOR THE DOCTORATE SELECTION PROCESS

- PROJECT PRESENTATION: 50%
- CURRICULUM ANALYSIS: 50%

The curriculum analysis will be done considering the following items:

1. Performance coefficient in the Master Course, on a scale of zero to three.
2. Master's defense or expected defense (attested by a formal document issued by the Graduate Program) of a Master's Dissertation within 24 months after entering the program: 1.0 point. In case this time is exceeded, the assigned score will be zero.
3. Presentation of pertinent works in the area of Chemistry and similars presented in scientific events: 0.5 point per work; maximum of 5.0 points.
4. Pertinent works in the area of Chemistry and similars published in scientific journals indexed in Qualis Química from CAPES, maximum of 10.0 points.
5. Application for registration of patents relevant to the area of Chemistry and similars, maximum 10.0 points.
6. Capítulos de livros ou livros publicados na área de química e afins: 1,0 ponto por capítulo e 3,0 pontos por livro; máximo de 10,0 pontos.
7. Professional experience in the area of Chemistry and similars: 0.3 points per month of professional experience in higher/middle education, in the chemical industry or in research centers in the area of Chemistry and similars; 0.2 points per month working as an intern in the chemical industry, in research centers or as a scientific initiation scholarship in the area of Chemistry and similars; 0.1 points per month of performance in monitoring activities or participation in scientific initiation supervision confirmed by a supervisor's statement in the field of Chemistry and similars; maximum of 1.0 point.
8. Awards, organization of events and extracurricular courses: 0.25 points for awards or prominence in events in the Chemistry area, 0.25 points for organization of events in the area of Chemistry and similars, 0.25 points for every 15 hours of work in extracurricular courses in the area of Chemistry and similars; maximum of 1.0 point.

The evaluation of the curriculum will be based on the presented documents. The candidate who obtains the highest score in the evaluation will be given a score of ten, being the marks of the other candidates calculated through direct proportion. Only documented proven activities will be considered for curriculum evaluation purposes.

Below is the score table with the multiplication factors for each item in the curriculum analysis.

### SCORE TABLE FOR DOCTORATE'S DEGREE CANDIDATES

Item	Value	Weight	Points
1. Performance coefficient in the Master course		<b>x 4.0</b>	
2. Master's conclusion in max. 24 months		<b>x 1.0</b>	
3. Works in scientific events		<b>x 0.5</b>	
4. Scientific articles		<b>x Stratum<sup>a</sup></b>	
5. Patents		<b>x Type</b>	
6. Books		<b>x Type</b>	
7. Professional experience in the area of Chemistry		<b>x Type</b>	
8. Awards, organization of events and extracurricular courses		<b>x Type</b>	
<b>TOTAL:</b>			

<sup>a</sup> Stratum A1: 3 points, A2: 2.7 points; B1: 2.4 points; B2: 1.8 points; B3: 1.5 points; B4: 1.2 points; B5: 0.9 point; C: 0.5 point.