CALL FOR APPLICATIONS – SELECTION PROCESS FOR ADMISSION TO THE MASTER'S, PhD, AND DIRECT PhD PROGRAMS

GRADUATE PROGRAM IN PLANT BIOTECHNOLOGY – UENF/UVV

FIRST SEMESTER 2026

1. INFORMATION ABOUT THE GRADUATE PROGRAM:

Program name: Graduate Program in Plant Biotechnology (PPGBV)

Center: Center for Biosciences and Biotechnology (CBB)

Levels: Master's and Doctorate. Accredited by CAPES on December 11, 2015.

CAPES Rating: 5 (five)

Area of concentration: Plant Biotechnology

Program website: https://pgbv.uenf.br/

2. APPLICATION PERIOD:

2.1. Application period: from October 1 st to 31 st, 2025

2.2. All applications, along with the required documentation, must be submitted **EXCLUSIVELY** via email to: pgbv.secretaria@uenf.br, by October 1 st to 31 st, 2025, at 11:59 p.m. (Brasília time).

ATTENTION: The documents submitted by email at the time of application must be presented to the PPGBV coordination after conclusion of the selection process, including original or certified copies. This submission must take place at the time and location indicated by the PPGBV coordination via email, prior to enrollment.

3. EVALUATION COMMITTEE :

3.1 The Evaluation Committees will be composed of professors or researchers holding a doctoral degree and will be appointed by the PPGBV Coordinating Committee after the application period has ended.

3.2 The Evaluation Committees will be responsible for validating the applications, conducting the selection phases, and reviewing any appeals submitted by the applicants.

4. APPLICATION:

4.1 Applications will be accepted from candidates residing in Brazil or abroad.

4.1.1 Foreign candidates holding a diploma obtained outside Brazil, if selected, must submit a copy of the diploma recognized by the Brazilian consulate in their country of origin, along with other documents required by the UENF Academic Office for enrollment.

4.2 At the time of application, foreign candidates must choose to apply for "open competition positions" ("ampla concorrência").

4.3 At the time of application, all candidates must submit the following documents:

a) Application form (https://uenf.br/posgraduacao/formulario/processoseletivopg/ - choose the

option "*Formulário de Inscrição – Aluno Regular*");

b) Undergraduate diploma (front and back) or equivalent document, from a full-degree program. Applicants to the Direct PhD are exempt from this requirement.

c) Master's degree diploma (front and back), or equivalent document, for doctoral candidates;

d) Undergraduate academic transcript for both master's and doctoral candidates. Applicants to the Direct PhD are exempt from this requirement.

e) Master's academic transcript, for doctoral candidates;

f) Customized *Curriculum vitae* including only the items listed in the evaluation tables for the master's and/or doctoral programs in this call for applications.

g) Supporting documentation for the *Curriculum vitae*. The supporting documents must be submitted in a single PDF file (file name: **candidate's name_supportingCV.pdf**) and must be organized exactly in the order of the items listed in the respective evaluation tables for the master's and/or doctoral programs in this call;

h) Three recommendation letters (template of forms available at https://uenf.br/posgraduacao/wp-content/uploads/2019/12/Recommendation-letter.pdf), signed by professionals involved in the candidate's academic training or professional activities. For master's candidates, one of the letters must be from the advisor of their undergraduate research, thesis, or equivalent academic supervision. For doctoral candidates, one of the letters must be from their master's advisor. The letters must be sent directly by the referees to the PPGBV coordination office via email: pgbv.secretaria@uenf.br

i) Applicants for the Direct PhD program must submit the following mandatory documents:

1) **Letter of Certification of scientific and academic knowledge**, issued by the supervisor of the applicant's most recent undergraduate research project, explicitly describing the candidate's academic and scientific qualifications for the Direct PhD. This letter must be sent directly to the PPGBV Coordination by e-mail: pgbv.secretaria@uenf.br
2) **Letter of Assessment of the candidate's potential for the Direct PhD,** issued by the research topic supervisor (according Annex 2) to which the candidate is applying. This letter must be sent directly to the PPGBV Coordination by e-mail: pgbv.secretaria@uenf.br
3) **Motivation Letter,** written by the candidate, justifying their interest and qualifications for admission to the Direct PhD program.

j) Passport or RNM (National Migration Registry of Brazil)

k) Research Proposal (in the format of Annex 01).

4.3.1 The candidate is fully responsible for the accuracy of all submitted documentation.

4.4 The applicant enrolled for the Direct PhD program shall not, under any circumstances, apply for or request admission to the Master's program, in case they are not approved in the selection process for the chosen position.

4.5 Applications will be approved by the Evaluation Committee in accordance with item 4.3, following the schedule below:

- Announcement of approved and non-approved applications: by november 10, 2025
- Appeal period: november 11, 2025
- Analysis of appeals and announcement of final application approval results: by november 12, 2025

4.5 Appeals must be submitted by the candidates within the deadlines established in the schedule of this call, via email: pgbv.secretaria@uenf.br

5. SCHEDULE AND SELECTION PHASES:

5.1 The selection process will be conducted in two phases, according to the schedule below:

Phase 01:

- Announcement of results: by november 26, 2025
- Submission of appeals: november 27, 2025
- Appeal review and announcement of results: by november 28, 2025

Phase 02:

- Interviews: December 1 and 3, 2025
- Announcement of results: December 04, 2025
- Submission of appeals: December 05, 2025
- Appeal reviews and announcement of final results: until December 07, 2025
- Publication of final results: until December 9, 2025
- Enrollment of selected candidates: to be defined

Note: Enrollment will be confirmed upon verification of the documents submitted during pre-enrollment, as required by the PPGBV Office.

5.2 The selection process will be structured as follows:

5.2.1 Phase 01: evaluation of the candidate's *Curriculum vitae* and research proposal (see item 6).

5.2.2 Candidates approved in Phase 01 will proceed to Phase 02, which consists of an interview regarding the research proposal (item 6) and other aspects of the candidate's academic background.

5.2.3 Phase 02 will be conducted via videoconference, using a platform chosen by the Evaluation Committee and communicated to candidates by email.

6. THE EVALUATION:

6.1 The evaluation for admission to the Master's program will follow the criteria below:

Phase 01: Table of *Curriculum* Items and Corresponding Scores of Master's Degree

MASTER'S DEGREE			
Scientific Production (Up to 60 points)	Articles in peer-reviewed journals, published or accepted; books and/or book chapters published	1º authorship	Up to 10 points per article *Based on CAPES Qualis classification
		Other authorships	Up to 4 points per article *Based on CAPES Qualis classification
	Submitted Article	1º author	Up to 2 points per article *Based on CAPES Qualis classification
		Other authorships	Up to 1 point per article *Based on CAPES Qualis classification
	Abstracts in conferences and scientific events (Up to 10 points)	1º author	Up to 0.5 points per abstract
		Other authorships	Up to 0.25 points per abstract
	Awards in scientific events (Up to 10 points)	National	Up to 5 points per Award
		International	Up to 7 points per Award
Academic Transcript – Academic Performance (Up to 50 points)	- 2 × the Cumulative Grade Point Average (CGPA; adjusted to a maximum value of 10.0) for CGPAs up to 7.0 - 3 × the CGPA for CGPAs between 7.1 and 8.0. - 4 × the CGPA for CGPAs between 8.1 and 9.0. - 5 × the CGPA for CGPAs above 9.0.		
Participation in Undergraduate Research/Teaching Assistantship (Up to 20 points)	Up to 2 points per semester for Undergraduate Research (depending on the reported workload)		
	Up to 1 point per semester for Undergraduate Research (depending on the reported workload)		
Other Professional experience in fields related to biotechnology (Up to 4 points)	Activities and/or outputs considered relevant by the Program's selection committee		
Lato Sensu Postgraduate Programs (Specialization Courses) (Up to 2 points)	*Lato Sensu* Postgraduate Programs or Specialization Courses in Fields Related to Biotechnology		
Completed Courses (in areas related to Biotechnology) (Up to 4 points)	From 4 to 8 hours	1 point per course	
	More than 8 up to 20 hours	2 points per course	
	More than 20 hours	4 points per course	
Research Proposal – Specific Form (Annex 01) (Up to 10 points) **(Note: Candidates scoring below 6.0 will be disqualified)**	** **Candidates who do not submit the research proposal in the format specified in Annex 01 will be disqualified.** – The quality of the written language will also be considered. – The research proposal must be written in Arial font, size 11, 1.5 line spacing, and structured according to the topics listed below:		
	– Introduction and justification, appropriately focused on the topic (up to 3,000 characters)		Up to 3 points
	- Objectives: clear and aligned with the proposal (up to 500 characters)		Up to 2 points
	- Methodology: aligned to the objectives (up to 3,000 characters)		Up to 2 points
	- Expected results (up to 1,000 characters)		Up to 2 points
	– Bibliographic references and their alignment with the proposed topic		Up to 1 point

*Assigned based on the Qualis – CAPES classification for the Biotechnology area.

Note 1: Supporting documents must be organized in the order of the items listed in this table and compiled into a single PDF file, as specified in item 4.3 of the call notice.

Note 2: Only candidates with a total score equal to or higher than 20 points in Phase 01 will proceed to Phase 02.

Note 3: The score from Phase 01 will be normalized on a 0–10 scale, with 10 corresponding to the highest score obtained among candidates.

Phase 02: Table of Items and Corresponding Scores for Master's Degree

MASTER'S DEGREE		
Defense of the Research Proposal (Up to 10 points) **(Note: Candidates scoring below 6.0 will be disqualified)**	The candidate will be questioned about the topics of the research proposal, considering the following criteria:	
	- Introduction and justification of the research plan	Up to 1 point
	- Clear objectives aligned with the proposal	Up to 2 points
	- Candidate's knowledge of the proposed research topic	Up to 1 point
	- Candidate's knowledge and background regarding the proposed methodology	Up to 3 points
	- Candidate's academic and scientific experience	Up to 3 points

6.1.1 The final ranking, based on the RESEARCH TOPIC selected by the candidate, will be calculated from the weighted average of both phases: Phase 01 (CV and Research Proposal) weighted 6, and Phase 02 (Interview) weighted 4.

6.2 The evaluation criteria for admission to the Doctoral program will be as follows:

PHASE 01: Table of Curriculum Items and Corresponding Scores of Doctorate

DOCTORATE			
Scientific Production (Up to 60 points)	Articles in peer-reviewed journals, published or accepted; books and/or book chapters published	1º author	Up to 10 points per article *Based on CAPES Qualis classification
		Other authorships	Up to 4 points per article *Based on CAPES Qualis classification
	Submitted Article (Up to 2 points)	1º author	Up to 2 points per article *Based on CAPES Qualis classification
		Other authorships	Up to 1 point per article *Based on CAPES Qualis classification
	Abstracts in conferences and scientific events (Up to 10 points)	1º author	Up to 0.5 points per abstract
		Other authorships	Up to 0.25 points per abstract
	Awards in scientific events (Up to 10 points)	National	Up to 5 points per Award
		International	Up to 7 points per Award
Patents/Registrations (Up to 20 points)	Filed application (Up to 2 points)	2 points per patent/registration	
	Granted (Up to 8 points)	4 points per patent/registration	
	Licensed (Up to 20 points)	10 points per patent/registration	
Academic Transcript – Academic Performance (Up to 15 points)	- 5 × the Cumulative Grade Point Average (CRA) from the Master's program, or from the undergraduate degree in the case of a Direct PhD, adjusted to a maximum score of 3.0 (Note: For Grade Point Average on a 0–10 scale, multiply by 0.3)		
Organization of Scientific Events (Up to 2 points)	Participation in the Organizing Committee/Support Team	Local/Regional	0.50 point per event
		National	0.75 point per event
		International	1 point per event
Other Professional experiences in areas related to biotechnology (Up to 4 points)	Activities and/or outputs considered relevant by the Program's Selection Committee		
Courses Completed (In areas related to Biotechnology (Up to 4 points)	From 4 to 8 hours	1 point per course	
	Over 8 up to 20 hours	2 points per course	
	Over 20 hours	4 points per course	
Research Proposal – Specific Form (Annex 01) (Up to 10 points) **(Note: Candidates scoring below 6.0 will be disqualified)**	*** Candidates who do not submit the research proposal in the format specified in Annex 01 will be disqualified.** – The quality of the language used in the written text will also be evaluated. – The research proposal must be written in Arial font, size 11, 1.5 line spacing, and structured according to the topics listed below:		
	– Introduction and justification, appropriately focused on the topic (up to 3,000 characters)	Up to 3 points	
	- Objectives: clear and aligned with the proposal (up to 500 characters)	Up to 2 points	
	- Methodology: aligned to the objectives (up to 3,000 characters)	Up to 2 points	
	- Expected results (up to 1,000 characters)	Up to 2 points	
	– Bibliographic references and their alignment with the proposed topic	Up to 1 point	

* Scores will be assigned based on the Qualis – CAPES classification for the Biotechnology area.
Note 1: Supporting documents must be organized in the order of the items listed in this table, as specified in item 4.3 of the call notice.
Note 2: Only candidates with a total score equal to or greater than 20 points in Phase 01 will advance to Phase 02.
Note 3: The score from Phase 01 will be normalized to a 0–10 scale, with the highest-scoring candidate receiving a 10.

PHASE 02: Table of items evaluated and corresponding scores of Doctorate

DOCTORATE		
Defense of the Research Proposal (Up to 10 points) **(Note: Candidates scoring below 6.0 will be disqualified)**	The candidate will be interviewed about the topics of the research proposal, considering the following criteria:	
	- Introduction and justification of the research plan	Up to 1 point
	- Clear objectives aligned with the proposal	Up to 2 points
	- Candidate's knowledge of the proposed research topic	Up to 1 point
	- Candidate's knowledge and background regarding the proposed methodology	Up to 3 points
	- Candidate's academic and scientific experience	Up to 3 points

6.2.1 The final ranking, based on the RESEARCH TOPIC selected by the candidate, will be calculated from the weighted average of both phases: Phase 01 (CV and Research Proposal) weighted 6, and Phase 02 (Interview) weighted 4.

6.3 Classified candidates may receive scholarships, depending on availability within the PPGBV, and in accordance with the final ranking by RESEARCH TOPIC. CAPES fellowships will be distributed according to COLAC/UENF (Resolução COLAC nº 34 de 21 de março de 2024) and PPGBV (Resolução do PPGBV 01/2024) regulations.

6.3.1 Preference will be given to candidates without employment ties and with full-time availability for graduate studies.

7. ANNOUNCEMENT OF RESULTS FOR EACH PHASE AND FINAL RANKING:

7.1 The Evaluation Committee will announce the results of each Phase, according to the schedule outlined in item 5.1.

7.1.2 The results will be published on the PPGBV website (https://pgbv.uenf.br).

7.2 In the event of a tie, the following tiebreaker criteria will be applied:

1. The older candidate, in accordance with Brazilian Law 10741/2003 (Elderly Statute, Article 27, paragraph 2);
2. The highest score in the “Scientific Production” category;
3. The highest score in the “Research Proposal” category.

7.3 The final result will be announced by the Evaluation Committee after any appeals related to Phase 02 have been considered, according to the schedule.

7.4 The final results will be announced in a list that includes the candidates’ names ranked by RESEARCH TOPIC, final score, and status as “eliminated,” “approved,” or “selected,” according to their scores and the number of available positions in each RESEARCH TOPIC.

8. APPEALS:

8.1 Appeals must be submitted within the timeline established in the public notice and must be sent exclusively via email to: pgbv.secretaria@uenf.br

8.1.1 The Evaluation Committees will review the appeals.

8.1.2 No reconsideration of the merits of the evaluation will be allowed at this stage.

8.2 After the appeals have been reviewed, the final results will be published on the PPGBV website (https://pgbv.uenf.br/).

9. ADMISSION CALL:

9.1 The admission call will be published on the PPGBV website (https://pgbv.uenf.br/) and communicated via the email address provided in the application form.

9.2 The selected candidates must enroll within the deadline informed by the PPGBV Coordination.

9.3 After the call, if a selected candidate does not express interest in joining the PPGBV, they may be replaced by another candidate from the waiting list.

10. FINAL PROVISIONS:

10.1 The candidate will be disqualified and automatically excluded from the selection process if they:

a) Submit false statements or documents at any phase of the selection process;

b) Fail to submit all required documentation in accordance with this Call for Applications;

c) Fail to send the documentation within the deadline established by this selection process;

d) Do not confirm, upon request, their intention to join the PPGBV if selected;

e) Do not attend any Phase of the selection process on the dates and times scheduled.

10.2 Any omissions will be resolved by the Evaluation Committee, the PPGBV Coordinating Committee, and the Research and Graduate Studies Chamber, according to their respective responsibilities.

10.3 At the discretion of the PPGBV Coordinating Committee, and with the approval of the Research and Graduate Studies Chamber, any unfilled positions may be reallocated among Research Lines/Themes, from one area of concentration to another, as applicable, provided there are approved candidates in accordance with this Call for Applications.

By applying to this selection process, the candidate acknowledges and agrees to the rules established in this Call for Applications and the internal regulations of UENF governing the matter.

Campos dos Goytacazes, September, 16, 2025.

Prof. Claudete Santa Catarina

Coordinator of the Graduate Program in Plant Biotechnology – UENF/UVV

Governo do Estado do Rio de Janeiro
Secretaria de Estado de Ciência e Tecnologia
Universidade Estadual do Norte Fluminense Darcy Ribeiro
Programa de Pós-Graduação em Biotecnologia Vegetal

ANNEX 1

UENF
Universidade Estadual do Norte Fluminense Darcy Ribeiro

Universidade Estadual do Norte Fluminense Darcy Ribeiro
Centro de Biociências e Biotecnologia
PGBV - Programa de Pós-Graduação em Biotecnologia Vegetal

RESEARCH PROPOSAL		
APPLICANT IDENTIFICATION:		
Full Name:		
Academic background:		
DESIRED PROGRAM:		
( ) Master's Degree	( ) Doctorate	
DESIRED RESEARCH LINE:		
( ) Integrative Biology: Genomics, Proteomics, Metabolomics, and Bioinformatics	( ) Biotechnology applied to agriculture and the environment	( ) Characterization of Plant Biodiversity and Bioprospecting of Bioactive Compounds
DESIRED RESEARCH TOPIC: **(As detailed in the Position Profiles provided in the Program's Call for Applications – Annex 02)**		
Describe the reasons that led you to choose the Research Line and the Research Topic of your proposal: (maximum of 10 lines)		

UENF
Universidade Estadual do Norte Fluminense Darcy Ribeiro

Universidade Estadual do Norte Fluminense Darcy Ribeiro
Centro de Biociências e Biotecnologia
PGBV - Programa de Pós-Graduação em Biotecnologia Vegetal

RESEARCH PROPOSAL
Note: Use Arial font, size 11, line spacing 1.5.
(Pay attention to the character limit for each section).

PROJECT TITLE:

INTRODUCTION AND JUSTIFICATION FOR THE STUDY (up to 3,000 characters)**:**

OBJECTIVES (up to 500 characters)**:**

MATERIALs AND METHODS (up to 3,000 characters)**:**

EXPECTED RESULTS (up to 1,000 characters)**:**

REFERENCES:

_____

Candidate's Signature

_____, on the _____ of _____, 2025.

ANNEXO 2

RESEARCH LINES AND TOPICS OF THE GRADUATE PROGRAM IN PLANT BIOTECHNOLOGY

RESEARCH LINE	RESEARCH TOPIC	FACULTY MEMBER	POSITIONS	
			MS	DS
Integrative Biology: Genomics, Proteomics, Metabolomics, and Bioinformatics	Biotechnology Applied to Sustainable Production	Gonçalo Apolinário de Souza Filho	1	1
	Biotechnological strategies applied to the study of plant growth, development, and propagation	Vanildo Silveira	1	2
	Genomics and bioinformatics applied to plant biotechnology and plant growth-promoting bacteria	Thiago Motta Venâncio	1	3
	Plant genomics and epigenetics	Clicia Grativol Gaspar de Mattos	1	1
	Plant breeding for adaptation to abiotic stresses	Antônio T. do Amaral Júnior	1	1
	Bioprospectomics and metabolic engineering for biotechnological innovation	Felipe Astolpho Almeida	1	0
	Molecular and biochemical mechanisms of tolerance to abiotic stresses	Vitor Batista Pinto	1	1
Biotechnology Applied to Agriculture na d the Environment	Physiological and biochemical bases applied to the study of in vitro propagation of tree species	Claudete Santa Catarina	1	2
	Bioprospecting of microorganisms and their natural products in plants and environmental decontamination	Aline Chaves Intorne	1	0
	Seed defense mechanism against insects	Antônia Elenir	2	0
	Structural and ecophysiological bases of the interaction between beneficial bacteria and plants	Fábio Lopes Olivares	1	1
	Mechanisms of action of plant biostimulants	Daniel Basílio Zandonadi	2	1
Characterization of Plant Biodiversity and Bioprospecting of Bioactive Compounds	Bioinspired peptides, inhibitory activity and mechanism of action on fungal biofilms	Erica de Oliveirta Mello	2	0
	Structural and ecophysiological approach to Atlantic Forest plant species	Maura da Cunha	1	0
	Structural characterization of plant allergens and toxins	Olga Lima Tavares Machado	1	0
	Antimicrobial peptides from plants	Valdirene Moreira Gomes	2	0
TOTAIS			**20**	**13**