

**FACULTY MARIA MILZA – FAMAM
RESEARCH AND POSTGRADUATE DEAN'S OFFICE
PROFESSIONAL MASTER'S PROGRAM IN BIOTECHNOLOGY**

SELECTION NOTICE PROCESS: 020/2021 - REGULAR ENROLLMENT

**SELECTION NOTICE FOR THE PROFESSIONAL MASTER'S PROGRAM IN
BIOTECHNOLOGY**

FAMAM - FACULDADE MARIA MILZA, in the use of its legal attributions, makes public the opening of applications for the selection of **regular students** in the selection process of the **Professional Master's Program in Biotechnology (PPGBiotec-FAMAM)** for admission in the **1st semester of 2022**, circumscribed to the following standards:

1 - PRELIMINARY PROVISIONS

Article 1. The selection process in this Notice aims to fill **vacancies** for **regular students** in the **Professional Master's Program in Biotechnology, Concentration Area of Biotechnology Applied to Renewable Resources.**

2 – TARGET AUDIENCE

Article 2. Holders of a diploma or certificate of completion of higher education and graduates of undergraduate courses recognized by the Ministry of Education (MEC) in any area of knowledge that has interests related to the central subject of the course - **Applied Biotechnology.**

§ 1. Candidates completing an undergraduate course shall only be able to participate in the selection process if the completion of the course takes place **up to the Master's enrollment period.**

3-THE CONCENTRATION AREA AND RESEARCH LINES

The **Professional Master's Degree in Biotechnology** offers the Biotechnology Concentration Area Applied to Renewable Resources, considering two Research Lines.

The **Area of Concentration in Biotechnology Applied to Renewable Resources** aims to develop management and conservation activities for genetic resources, from the collection, identification, characterization and bioprospecting, to the exploration of the potential use of these resources for the development of biotechnological products and processes. Thus, it seeks to enable professionals to act in the generation of innovative goods and services for the pharmaceutical, food and energy production industries, through scientific activities to transform a (bioactive) target of biotechnological importance into a viable product that it will significantly contribute to improving the quality of life of the population and the sustainable exploitation of natural resources.

Line 1: **Applied Biotechnology.** Development of products and processes for the pharmaceutical, biotechnology, food and energy production industries using molecular and cellular biology, bioinformatics, phytochemistry, microbiology and

Pró-Reitoria de Pesquisa e Pós-Graduação

fermentation techniques, pharmacotechnical development, bioprocessing engineering and quality control applied to development of biotechnological products. This line of research focuses on prospecting, developing products and processes involving bioactive molecules, whether of synthetic or natural origin, with potential application in the pharmaceutical, biotechnology, food or diagnostic industries; in addition to subsidizing the search and production of molecules and macromolecules in the most diverse biological systems in order to obtain value-added products (biopharmaceuticals, biofuels and bioenergetics) from renewable biological sources, using bacterial, animal or plant cells, or their chemical catalyst components in inherently clean processes such as minimizing waste and energy consumption.

Line 2: **Biodiversity Management and Conservation.** Its main objective is the training and qualification of human resources in the area of Biotechnology applied to Renewable Resources, with a view to safeguarding and using genetic resources in order to face the current challenges of industries in the search for the development of innovative products and processes having as based on the identification, characterization and bioprospecting of regional genetic resources with high scientific and economic potential. Knowledge of biodiversity and genetic resources combined with knowledge of pharmacobotany, ethnopharmacology, population genetics, evolution, living cell culture technology, environmental microbiology (microbiomes), biosafety, genomics, proteomics, metabolomics, bioinformatics and intellectual property, will provide subsidies and it will serve as an indicator for the sustainable exploration and conservation of natural resources, thus contributing to better decision-making in professional practice, focused on the real needs of the Recôncavo da Bahia.

4 – ON VACANCIES

Article 3. This selection offers **10 (ten) places for regular students**, to be distributed among the Faculty Advisors.

5 – FACULTY ADVISORS**5.1 - LINE 1: APPLIED BIOTECHNOLOGY**

TEACHERS	Link - Lattes Curriculum
ANTONIO ANDERSON FREITAS PINHEIRO	http://lattes.cnpq.br/4044806953310324
EDER JORGE DE OLIVEIRA	http://lattes.cnpq.br/3533844615312370
EVA MARIA RODRIGUES COSTA	http://lattes.cnpq.br/9483112697452139
EVERTON HILO DE SOUZA	http://lattes.cnpq.br/3936341852424789
JANAY ALMEIDA DOS SANTOS SEREJO	http://lattes.cnpq.br/4392589462442055
KATIA NOGUEIRA PESTANA	http://lattes.cnpq.br/5642596758984532
KALIANE ROCHA SOLEDADE MARQUES	http://lattes.cnpq.br/1714433341112690
ONILDO NUNES DE JESUS	http://lattes.cnpq.br/82313718444466982
PAULO ROBERTO RIBEIRO DE MESQUITA	http://lattes.cnpq.br/9634812526973041
WALTER DOS SANTOS SOARES FILHO	http://lattes.cnpq.br/7748064810111389

5.2 - LINE 2: BIODIVERSITY MANAGEMENT AND CONSERVATION

TEACHERS	Link - Lattes Curriculum
ANDRÉ DIAS DE AZEVEDO NETO	http://lattes.cnpq.br/5318232353145744
CRISTINE VANZ BORGES	http://lattes.cnpq.br/5689703694600858
ELIZABETH AMELIA ALVES DUARTE	http://lattes.cnpq.br/5329272431097776
MARIA DAS GRACAS ANDRADE KORN	http://lattes.cnpq.br/5329137760546794
MARIANE DE JESUS DA SILVA DE CARVALHO	http://lattes.cnpq.br/5362106150091089
THIAGO ALVES SANTOS DE OLIVEIRA	http://lattes.cnpq.br/2068184954888179
VANESSA DE OLIVEIRA ALMEIDA	http://lattes.cnpq.br/5713489328832593
VÂNIA DE JESUS DOS SANTOS DE OLIVEIRA	http://lattes.cnpq.br/2524742041569632

6 - APPLICATION

Article 4. Applications shall be performed online on the Master's Program website through the electronic address (<https://www.famam.com.br/cursos/biotecnologia/>), where the application form and the payment slip can be found.

Article. 5. Application shall be made from **10/11 to 11/29/2021**.

Article. 6. The documents, duly authenticated, shall be sent by mail or in digital form to the following e-mail: **coord.biotecnologia@famam.com.br** and **sec.mestrado@famam.com.br**. In the case of sending by mail, it shall be sent only in fast mode (e.g. **SEDEX**) to the Department of Graduate Programs of FAMAM, with the deadline mail date being **November 26, 2021**.

Documents shall be forwarded to the following address:
Secretaria dos Programas de Pós-Graduação da FAMAM
Programa de Mestrado Profissional em Biotecnologia
Rodovia BR 101, km 215
Governador Mangabeira - BA
CEP: 44350-000

Article 7. Application shall be effective after the receipt and verification of the complete documentation, either by e-mail or mail. Incomplete applications, improperly sent or outside the deadlines established in this notice shall be rejected.

Article 8. The Program shall not be responsible for problems in the delivery of documents, such as possible strikes, loss or delays at the Post Office.

Article 9. Application in the selection process implies knowledge and tacit acceptance of the conditions established in the full content of this notice and its annexes, and the candidate cannot claim ignorance.

Article 10. Additional information regarding the Program may be obtained by phone or e-mail, subject to availability on the postgraduate program (PPG) website.

Article 11. Applications from candidates who do not meet the requirements established by this Notice shall not be accepted.

7 - DOCUMENTATION REQUIRED

Article 12. The following documentation is required for application:

- § 1. Online application form, duly completed (available at <https://www.famam.com.br/cursos/desenvolvimento-regional-e-meio-ambiente/>).
- § 2. Payment slip of the registration fee (value of **R\$ 50.00 – fifty Brazilian Reais**). This slip is generated after completing the "Online application form" (item a). This fee shall not be refunded in case of refusal of registration, withdrawal of registration or in case of disapproval of the candidate.
- § 3. Application Form - Annex I, indicating the research line and the area of interest of the faculty advisor.
- § 4. Copy of the Academic Transcript.
- § 5. Copy of the Undergraduate Diploma or Certificate of Completion. Diplomas issued abroad shall only be accepted if revalidated by a national institution recognized by the MEC.
- § 6. Declaration, signed by the Undergraduate Course Coordinator, informing that the student is in the stage of completion of the Course up to the application period in the PPG in Biotechnology, accompanied by an updated Academic Transcript **[for candidates concluding the undergraduate course]**.
- § 7. 1 (one) recent 3x4 photo.
- § 8. Lattes Curriculum (Lattes Platform - CNPq) updated and accompanied by supporting documents.
- § 9. Copies of the Individual Taxpayer Registration (CPF), the General Registry (ID Card), the Voter's Title, and proof of residence. Foreign applicants shall present a copy of the Passport and proof of residence in Brazil.
- § 10. Military Reservist Certificate, for male candidates.
- § 11. Pre-research project according to the model indicated in Annex II (1 printed copy and 1 via e-mail). In case of approval in the Program, the student, together with the advisor, may modify or replace the pre-research project.
- § 12. Cover letter and justification for opting for the Course.
- § 13. The foreign candidate shall present a copy of proof of proficiency in Portuguese, issued by the Embassy or Consulate in the country of origin, except for candidates whose official language is Spanish or Portuguese.

Pró-Reitoria de Pesquisa e Pós-Graduação

Article 13. Candidates who do not submit the documentation required for application within the established period shall forfeit the right to participate in the following stages of the Selection Process. Complementing documentation shall not be allowed after the selection process.

8 - SELECTION

Article 14. All applications shall be checked for approval and shall be approved and published on the website <https://www.famam.com.br/cursos/biotecnologia/>. It is the sole responsibility of the candidate to monitor the updates of the selection process.

Article 15. The selection and result of the approved applications are exclusively valid for admission in the semester provided in this Notice.

Article 16. The following Selection Steps shall be performed **remotely** using the Microsoft Teams platform:

§1. **Written Test** of specific knowledge related to the subject "Applied Biotechnology". Grade: 0.0 to 10.0; Weight: 3.0. Minimum grade for approval equal to 7.0 (seven). Suggested references for the written test are presented in Annex III.

- a) The written test shall be performed **remotely** using the Microsoft Teams platform. Candidates who are absent or unable to access the Microsoft Teams platform by the time the written test starts shall be disqualified from the selection process.
- b) No type of consultation shall be allowed during the test and the candidate who does it shall be automatically disqualified.

§2. **Foreign Language Test** (English). Grade: 0.0 to 10.0; Weight: 1.0 (only the English-Portuguese dictionary can be consulted). The test shall be applied **remotely** using the Microsoft Teams platform.

§3. Analysis of the **Cover Letter**. Grade: 0.0 to 10.0; Weight: 1.0.

§4. Analysis of the **Lattes Curriculum (Lattes Platform - CNPq)**. Grade: 0.0 to 10.0; Weight: 1.0.

§5. **Pre-project evaluation** on the subject proposed for the Thesis. Grade: 0.0 to 10.0; Weight: 3.0. Minimum grade for approval equal to 7.0 (seven). Evaluation criteria:

- a) Presentation of the project according to the model informed in this Notice (Annex II).
- b) Adherence of the subject to the Program's concentration area – Biotechnology Applied to Renewable Resources – and relation to one of the Professional Master's Degree in Biotechnology, observing the areas of interest for study of the faculty advisors included in this Notice (**More relevant**).

- c) Consistency in the characterization/contextualization and justification of the research project.
- d) Coherence between the subject, problem and research objectives with the theoretical foundation and methodology.
- e) Coherence in the argumentation of ideas.

§ 6. **Interview** based on the Cover Letter, the Lattes Curriculum (Lattes Platform - CNPq) and the pre-project submitted to the Program. Grade: 0.0 to 10.0; Weight: 1.0.

- a) The interview shall be conducted **remotely** using the Microsoft Teams platform. The candidate's failure to attend the interview shall result in his/her disqualification from the selection process.

§ 7. For students with special enrollment in the Program, the **trajectory of the candidate in the course** as a special student is evaluated: attendance in classes; fulfillment of academic and curricular activities; performance in subjects; and meeting the requirements of the Secretariat of Postgraduate Programs and Coordination of the Course. For this candidate, the evaluation of his/her trajectory in the course replaces the Cover Letter. Grade: 0.0 to 10.0; Weight: 1.0.

§ 8. Candidates who obtain a final average grade equal to or greater than 7.0 (seven) shall be eligible.

§ 9. The filling of available vacancies shall follow the order of classification of the approved candidates, according to their respective average grades. In the event of a tie, the candidate's performance in the Written Test shall be considered as the tie-breaker. In case the tie persists, the Academic Transcript grade shall be used as the next criterion.

§ 10. Failure to comply with one of the Selection Stages shall result in the immediate elimination of the candidate, without the right to appeal.

Article 17. The request for exemption from the English language test shall follow what is requested by the Internal Regulation of the Program. The candidate shall present one of the following documents to prove the exemption:

- I. Statement of English language proficiency from a higher education institution recognized in the country, valid for two years.
- II. Undergraduate course diploma (bachelor or licentiate) in an English course, coming from an institution recognized in the country.
- III. Diploma in Linguistics, whose workload dedicated to the English language is not less than 30 hours, coming from an institution recognized in the country.
- IV. Diploma of a degree in Languages with qualification in English or French, coming from an institution recognized in the country.

- V. Document proving that the candidate is a native English speaker.

- VI. Document proving residency in an English-speaking country for at least five years.

Single paragraph – The admission of foreign students shall be allowed at the discretion of the Board, respecting the provisions of Articles 13, 14 and 15 of the Internal Regulation.

Article 18. **Schedule of Selection Steps:**

Application Period:	10/11 to 11/29/2021
Publication of approved applications:	12/01/2021
Specific knowledge test:	12/03/2021 – 19:00 to 22:00
English language test:	12/04/2021 – 14:00 to 17:00
Interview:	12/09/2021 – 19:00 to 22:00. In alphabetical order, with predefined times.
Final result:	12/13/2021

* The dates may be changed by the Institution according to the recommendations of the Official Bodies due to the Pandemic situation at the time.

Single paragraph: There shall be no extension of dates or times at the request of candidates. Tests (specific knowledge and English language) and interviews may be conducted remotely if the situation of social isolation persists, according to decrees of municipal and state authorities).

9 - INSTITUTIONAL AND CURRICULUM ENROLLMENTS

*(In-person registration may be changed by the Institution according to the recommendations of the Official Bodies due to the Pandemic situation at the time).

Article. 19. The classified and approved candidate shall make his/her institutional and curricular enrollment as instructed by the Department of Postgraduate Programs of FAMAM, from **12/14/2021 to 01/15/2022**. In addition to the documentation required for enrollment, the candidate shall send the following documentation to the Secretariat's e-mail address (sec.mestrado@famam.com.br) at the time of registration:

- § 1. Proof of payment of the first installment of the semester.
- § 2. Enrollment Form.
- § 3. First semester Service Agreement, which shall be renewed every semester.
- § 4. Credit Hours Statement.
- § 5. Declaration Article 30 of the Regulation.
- § 6. Advisor-graduate student commitment term.

Article 20. The selected candidate shall enroll in person or by proxy (with recognized firm) at the Secretariat of Graduate Programs of FAMAM. Enrollment may also take place remotely if the COVID-19 pandemic persists and local and state authorities suspended educational activities in loco.

Article 21. The candidate who does not enroll within the period provided for in this Notice shall lose the right to the vacancy, and the next candidate on the list shall be called, in accordance with the order of classification.

10 - SCHOLARSHIPS

Article 22. Under this Notice, the Faculty Maria Milza (FAMAM) shall grant Scholarships in the Full and Partial modalities, with a duration of 24 (twenty-four) months, according to the following description:

§ 1. FAMAM Full Scholarship:

I - FAMAM grants **01 (one)** Research scholarship in the full modality, with a duration of 24 (twenty-four) months, to the regularly enrolled student. The conditions and requirements for participation are as follows:

- a) Be approved and classified in the range of Master's scholarships, following the order of classification of the Selection Process of the Professional Master's Program in Biotechnology.
- b) Be regularly enrolled in the Professional Master's Program in Biotechnology.
- c) Having completed or being a undergraduate of the FAMAM Undergraduate Course and presenting a document proving to be the **best student** of the graduating class in their respective course, issued by the Coordination/General Direction, in which the beneficiary is the one with the **highest selective score in the course** (for FAMAM undergraduates in the 2nd semester of 2021).
- d) Have an updated curriculum on the Lattes Platform - CNPq.
- e) Not being a beneficiary of any other scholarship of any nature during the term of the FAMAM scholarship, except for scholarships of a social nature.
- f) Comply with the internal regulation for granting FAMAM scholarships.
- g) Sign the Term of Commitment and Responsibility with FAMAM.

§ 2. FAMAM Partial Scholarship (50%) for students who have employment as a professor or administrative technician at FAMAM:

FAMAM grants **5 (five)** Research grants in the Partial modality (50%), with a duration of 24 (twenty-four) months, for professors or technical-administrative staff with an employment relationship with FAMAM. The conditions and requirements for participation are as follows:

- a) To be approved and classified in the range of the Master's scholarship, following the order of classification of the Selection Process of the Master's Program.
- b) Be regularly enrolled in the Professional Master's Program in Biotechnology.
- c) Have an employment relationship with FAMAM during the entire period of the scholarship.
- d) Not being a beneficiary of any other scholarship of any nature during the term of the FAMAM scholarship, except for scholarships of a social nature.
- e) Comply with the internal regulation for granting FAMAM scholarships.
- f) Sign the Term of Commitment and Responsibility with FAMAM.
- g) Be registered as a FAMAM researcher in the Scientific Initiation Program (PROINC) or in the Research Groups linked to the Master's Degree (professors).
- h) Have an updated curriculum on the Lattes Platform - CNPq.
- i) Other requirements can be found at <https://www.famam.com.br/cursos/desenvolvimento-regional-e-meio-ambiente/>

§ 3. Partial scholarship (25%) for state and federal civil servants:

I - FAMAM grants **4 (four)** Research grants in the Partial modality (25%), with a duration of 24 (twenty-four) months, for state and federal civil servants. The conditions and requirements for participation are as follows:

- a) Be approved in the selection process of the Professional Master's Program in Biotechnology.
- b) Be regularly enrolled in the Professional Master's Program in Biotechnology.
- c) Present proof of employment relationship and performance at state or federal levels.
- d) Not being a beneficiary of a scholarship of any nature during the term of the FAMAM scholarship, except for scholarships of a social nature.
- e) Sign the Term of Commitment and Responsibility with FAMAM.

11 – BEGINNING OF CLASSES

Article 23. Classes are scheduled to start on **February 1, 2022, in remote mode.**

12 – SHIFTS

Article 24. Classes are offered on Tuesdays in the night shift, from 19:00h to 22:00h, and on Saturdays in the morning and afternoon shifts, from 8:00h to 12:00h and from 13:00h to 17:00h, respectively.

13 – INVESTMENT

Article 25. For this Notice, the value of the semester is R\$ **7,860.00 (Seven thousand, eight hundred and sixty Brazilian Reais)**, divided into 6 (six) installments of **R\$ 1,310.00 (One thousand, three hundred and ten Brazilian Reais)**, with maturity until the day 10 of each month.

14 – FINAL PROVISIONS

Article 26. The act of application assumes that the candidate knows the requirements of this Notice and that he/she accepts the conditions of the Selection, not being able to claim ignorance for any title, time or pretext.

Article 27. The inaccuracy of the statements, irregularities in the documentation or other irregularities of any nature, occurring at any stage of the process, which do not meet the requirements of this Notice, shall eliminate the candidate from the Selection or, if identified later, shall prevent his/her enrollment, canceling all acts and effects arising from his/her application.

Article 28. There shall be no review of the decisions of the Selection Process Committee.

Article 29. In case of non-approval in the selection process, the documents filed at the Course Secretariat shall be available for the unclassified candidates for a period of 6 (six months), after which they shall be destroyed.

Article 30. Cases not covered by this Notice shall be resolved by the Selection Process Committee and submitted, when applicable, to the approval of the Course Coordination and/or General Direction of FAMAM.

Governador Mangabeira, October 11, 2021.



Vanessa de Oliveira Almeida
Coordenadora do Programa de Mestrado
Profissional em Biotecnologia



Paulo Roberto Ribeiro de Mesquita
Pró-Reitor de Pesquisa e Pós-Graduação



Weliton Antônio Bastos de Almeida
Diretor da FAMAM

SELECTION NOTICE PROCESS: 020/2021 - REGULAR ENROLLMENT

SELECTION NOTICE FOR THE PROFESSIONAL MASTER'S PROGRAM IN BIOTECHNOLOGY

ANNEX I - APPLICATION FORM

REGULAR ENROLLMENT ()	SPECIAL ENROLLMENT ()	SEMESTER OF ENTRY:
------------------------	------------------------	--------------------

IDENTIFICATION		
FULL NAME:		
NACIONALITY:	MARITAL STATUS:	DATE OF BIRTH:
CPF:	ID NUMBER:	ISSUING AUTHORITY:
VOTER'S TITLE:	ZONE:	SECTION:
MILITARY CERTIFICATE/ AUTHORITY	RESERVIST ISSUING	GENDER: F () M () OTHER ()
PASSPORT (FOREIGNERS):		
MOTHER'S NAME:		
FATHER'S NAME:		
E-MAIL:		
HOME PHONE: ()	CELL PHONE 1 ()	CELL PHONE 2 ()

RESIDENTIAL ADDRESS		
ADDRESS:	N.º:	
NEIGHBORHOOD:	COMPLEMENT (House/Apt.):	ZIP CODE:
CITY:	STATE:	

ACADEMIC FORMATION		
DEGREE:	INSTITUTION/STATE:	YEAR OF CONCLUSION:

RESEARCH LINE
() LINE 1 -
() LINE 2 -

Governador Mangabeira (BA), _____, _____, _____

Student's or his/her Legal Representative signature

Signature of the Secretary of the Graduate Programs of FAMAM



SELECTION NOTICE PROCESS: 020/2021 - REGULAR ENROLLMENT

SELECTION NOTICE FOR THE PROFESSIONAL MASTER'S PROGRAM IN BIOTECHNOLOGY

ANNEX II – PRE-RESEARCH PROJECT

Pre-Research Project Formatting

Pre-textual elements (Cover, Cover Sheet, Abstract, and Summary; on the Cover, **highlight the Research Line, Area of Interest, and suggestion of an advisor**).

To be delivered in 2 (two) copies (1 printed copy and 1 via e-mail), with a minimum of 10 (ten) pages and a maximum of 15 (fifteen) pages, not counting the pre-textual and post-textual elements. Paper format: **A4**; font: **Arial** or **Times New Roman**; Size: 12; Spacing: 1.5.

Structure

1 INTRODUCTION (Presentation of the Subject; Importance of the subject; Formulation of the problem; and Justification).

2 OBJETIVES

Explain the General and Specific objectives.

3 EXPECTED IMPACTS

Environmental; Technological; Scientific; Social; Economic.

4 THEORETICAL FOUNDATION

Present the theories and/or theorists that dialogue and prove the credibility of the ideas and of the study proposal.

5 METHODOLOGY

Describe the methodology used to develop the project and how the objectives will be achieved; present the risks and benefits of the research to the participants (if applicable).

6 SCHEDULE

Present an execution schedule (time expected to carry out each stage of the research)

7 BUDGET

Submit a budget with research costs

6 EXPECTED RESULTS

Describe the expected results and/or products. Estimate the repercussion and/or socioeconomic, technical-scientific and environmental impacts of the expected results in solving the problem on focus.

7 VIABILITY

Describe clearly and succinctly the technical viability of the project and the infrastructure available for its development. In this part, the possible difficulties to be found during the execution of the project and possible solutions to overcome them can be detailed.

REFERENCES (Post-textual)

List the works of literature cited, in accordance with the ABNT standards in force.

SELECTION NOTICE PROCESS: 020/2021 - REGULAR ENROLLMENT

**SELECTION NOTICE FOR THE PROFESSIONAL MASTER'S PROGRAM IN
BIOTECHNOLOGY**

ANNEX III - REFERENCES SUGGESTED FOR THE WRITTEN TEST

ALBERTS, B.; JOHNSON, A.; LEWIS, J.; RAFF, M.; ROBERTS, K.; WALTER, P.
Biologia Molecular da Célula. 5ª ed. Porto Alegre: Artmed, 2010.

APPEZZATO-DA-GLORIA, B.; CARMELLO-GUERREIRO, S.M. **Anatomia Vegetal**. 2 ed. Viçosa: UFV, 2006.

BARRUETO CID, L. P. (Ed.). **Cultivo in vitro de plantas**. Brasília. 3 ed. Brasília, DF: Embrapa Informação Tecnológica, 2014.

BIOTECNOLOGIA: estado da arte e aplicações na agropecuária / editores técnicos: Fábio Gelape Faleiro, Solange Rocha Monteiro de Andrade, Fabio Bueno dos Reis Junior - Planaltina, DF. Embrapa Cerrados, 2011. 730p.

BIOTECNOLOGIA, transgênicos e biossegurança / editores técnicos: Fábio Gelape Faleiro, Solange Rocha Monteiro de Andrade - Planaltina, DF. Embrapa Cerrados, 2009. 183p.

BORZANI, W.; SCHMIDELL, W.; LIMA, U. A.; AQUARONE, E. **Biotecnologia Industrial**. São Paulo: Blücher. 2001.

BRUCE, A.; BRAY, D.; HOPKIN, K.; JOHNSON, A.; LEWIS, J.; RAFF, M.; ROBERTS, K.; WALTER, P. **Fundamentos da biologia celular**. 3ª ed. Porto Alegre: Artmed, 2011.

CALLEGARI-JACQUES, S. M. **Bioestatística: Princípios e Aplicações**. Porto Alegre: Artmed, 2003.

CERVO, A. L.; BERVIAN, P. A. **Metodologia científica**. 4.ed. São Paulo: Makron Books, 1996.

DELATORRE, C. A. Plantas transgênicas: avaliando riscos e desfazendo mitos. Porto Alegre: Departamento de Plantas de Lavoura da Universidade Federal do Rio Grande do Sul: Evangraf, 2005. 37p.

GRIFFITHS, A. J. F.; WESSLER, S. R.; CARROL, S. B.; DOEBLEY, J. **Introdução à genética**. 10 ed. Rio de Janeiro: Guanabara Koogan, 2013.

JUNGHANS, T.G.; SOUZA, S.A. (Eds.). **Aspectos práticos da micropropagação de plantas**. 2 ed. rev. Brasília, DF: EMBRAPA, 2013.

LORENZI, H.; MATOS, F.J.A. **Plantas medicinais no Brasil: nativas e exóticas**. São Paulo: Instituto Plantarum, 2002.

MEYER, R.; Freire, S. M. **Manual de Biossegurança para as áreas das ciências da saúde e biológicas**. Ed. Governo do Estado da Bahia-DIVISA, 2002.

NASS, L.L. (Ed.). **Recursos genéticos vegetais**. Brasília: Embrapa Recursos Genéticos e Biotecnologia, 2007.

NELSON, D. L.; COX, M. M. **Princípios de Bioquímica de Lehninger**. 5. ed. Porto Alegre: Artmed, 2011.

PAGANO, M.; GAUVREAU, K. **Princípios de Bioestatística**. São Paulo: Thomson, 2004.

Faculdade Maria Milza

Recredenciamento pela portaria do MEC nº 87, de 14 de janeiro de 2019

Publicada no Diário Oficial da União em 15 de janeiro de 2019

Pró-Reitoria de Pesquisa e Pós-Graduação



PROOF OF ENROLLMENT



CANDIDATE'S NAME _____

COURSE: Professional Master's Degree in Biotechnology

CONCENTRATION AREA: Biotechnology Applied to Renewable Resources.

Governador Mangabeira (BA), ____/____/____

Secretary of Graduate Programs of FAMAM