



Reference Documents:

Law No. 1/2011 regarding national education, with subsequent amendments and completions

Charter of George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș

Law No. 206/2004 regarding good conduct in scientific research, technological development and innovation, with subsequent amendments and completions

Code of Ethics and Professional Conduct for George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș

Code of Students' Rights and Responsibilities of George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș

Law No. 500/2002 on public finances

METHODOLOGY FOR FINANCING GRANTS FOR SCIENTIFIC RESEARCH WITHIN JUNIOR RESEARCHER ACADEMY

Regulation Code: UMFST-REG-107 Edition 01

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Innovation

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Approved: Administrative Board

Date: September 21, 2020

Effective date:	September 22, 2020
Date of withdrawal:	



Chapter I. General Provisions/The Purpose of Methodology

Art. 1. The present methodology establishes the way the Internal competition for granting financing for scientific research within **Junior Researcher Academy** (MFGCJRA) is performed, organised by George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș (hereinafter UMFST G.E. Palade Tg. Mureș).

Chapter II. Field of Application

Art. 2. The methodology is applied in Internal competition for granting financing in the scope of performing grants for scientific research within the **Junior Researcher Academy** organised by UMFST G.E. Palade Tg. Mureș. The methodology is available for bachelor's and master's degree students from UMFST G.E. Palade Tg. Mureș, who have the status of **Junior Researcher – Dedicated level**.

Chapter III. Description of the Methodology

Art. 3. Objectives:

The Internal competition for financing grants for scientific research within **Junior Researcher Academy** organised by UMFST G.E. Palade Tg. Mureș, has the following objectives:

- encouraging bachelor's and master's degree students start and develop research in the fields provided within the bachelor's/master's programme;
- supporting JRA members in obtaining knowledge and experience in writing applications for funding and participation in competitions;
- supporting JRA members in obtaining knowledge and experience in implementing grants of scientific research, including acquaintance with specific administrative processes;
- supporting JRA members in obtaining knowledge and experience in dissemination of research results by taking part in conferences and publishing scientific papers.

Art. 4. Eligibility Criteria (cumulative criteria):

- the beneficiary of the grand has a status of bachelor's or master's student at the UMFST G.E. Palade Tg. Mureș and is member of the **Junior Researcher Academy**, level **Dedicated**;
- the beneficiary of the proposed grant is coordinated within the grant by a tutor, employee of the UMFST G.E. Palade Tg. Mureș, who has any of these positions: University Assistant, Head of Works / University Lecturer, Associate Professor, Professor, Research Assistant, Scientific Researcher, third degree Scientific Researcher, second degree Scientific Researcher, first degree Scientific Researcher;
- the beneficiary of the proposed grant has not implemented a JRA grant for Dedicated level members;
- the content of the proposed grant will be an original research project, applied research or innovation;

Art. 5. Duration and value of the project:

- 1) The implementation period of the grant is 24 months from the date of signing the financing contract.



- 2) The amount of the awarded grant is maximum 2000 EUR, equivalent in RON, at the BNR exchange rate on the date of signing the financing contract.

Art. 6. Eligible Expenses:

- 1) Eligible expenses within the project are:
 - *logistics expenses* – needed to execute the grant: laboratory consumables, reagents, consumables, access to specialized publications in the field of the grant (books, magazines and other subscriptions), publication fees for articles, small equipment or tools needed to carry out the project (inventory items);
 - *mobility expenses* – taking part in national and international scientific events (expenses with transport, accommodation, participation fee);
 - *overheads expenses* – 10% out of the total value of the project.
- 2) Salary expenses are not eligible. Subcontracting costs are not eligible. Acquisition of equipments are not eligible (fixed assets). Acquisition of IT equipment is not eligible (laptops, computers, printers, tablets, telephones, routers etc.) regardless of their value.
- 3) During the implementation of the project redistributions between budget chapters (logistics expenses and mobility expenses) are allowed in a limit of 15% out of the total budget of the project.

Art. 7. Submission, Evaluation and Selection of Grant Proposals:

- 1) Submission of Grants – Grant proposal will be submitted exclusively in an electronic format, in **February** each year, according to the calendar that shall be published on the UMFST website, section JRA – Dedicated level. Applicants are required to send to jra_granturi_cercetare@umfst.ro the following documents:
 - grant application, filled out in accordance with Annex 01, **in English** (as unprotected PDF file – a PDF file generated from an editable file, not a scanned document);
 - declarations filled out according to Annexes 03 and 04 (signed and scanned);
 - Certificate issued by the Dean's Office confirming the applicant's student statute and enrollment in the current academic year as bachelor's or master's student, as well as the fact that the applicant has not repeated any year of study due to the accumulation of an insufficient number of ECTS for promotion (signed and scanned).

Failure to comply with the drafting criteria set out in Annex 01, including the maximum number of characters/pages, renders the application INELIGIBLE.

- 2) Eligibility Check – The received project proposals are administratively checked by the Validation Committee of the JRA in order to make sure all eligibility criteria are met. The grading is ELIGIBLE/INELIGIBLE. Projects that received the ELIGIBLE rating move forward to the evaluation process. The list of proposed projects deemed eligible is going to be published on the UMFST G.E. Palade Tg. Mureș website under section JRA Grants – Dedicated level. Objections regarding meeting eligibility criteria can be mailed to jra_granturi_cercetare@umfst.ro within 3 working days from the publishing of the results.



- 3) Evaluation of Grants – Grants deemed eligible are evaluated by a panel of experts from UMFST G.E. Palade Tg. Mureș. Evaluation is going to include an interview as well, where the candidate is going to support the proposed project in front of a panel of experts.
- 4) Publishing the Results of Evaluation – The list of proposed projects and their scores shall be published in a descending order on the website of UMFST G.E. Palade Tg. Mureș, under section JRA Grants – Dedicated level.
- 5) Appeals – The beneficiary of the projects may file written appeals within 3 working days from the date of publishing the results. The subject of the appeals can exclusively be only procedural flaws that the candidate considers non-compliant with the provisions of the present methodology. The appeals cannot refer to scores and to the observations of the assessors. The appeals are going to be resolved by a Committee for appeals.
- 6) Financing – The list of the projects accepted for financing is established taking into consideration the allocated budget and the obtained scores. Projects that obtained a score less than 80 out of 100 are not going to be financed. The list of projects accepted for financing is going to be published on the website of UMFST G.E. Palade Tg. Mureș, under section JRA Grants – Dedicated level.

Art. 8. Indicators:

- 1) The indicators assumed by the beneficiary of the grants, that are going to be achieved in a mandatory fashion during the implementation of the project, are (cumulatively):
 - at least one participation at a scientific conference with international participation as first author, with a presentation or poster resulted from his activity within the grant;
 - at least one in extenso article resulted from the documentation carried out under the grant, published as first author in a specialized journal indexed in international databases (BDI) or indexed by Web of Science. Only original research articles are accepted (articles of the type literature review, case report/series, letter to editor are excluded).
- 2) For in extenso articles the official acceptance of publication is also taken into consideration.
- 3) At the end of the the first year of project implementation, the beneficiary of the grant shall make and present to JRA an Intermediary Report concerning his activity.
- 4) At the end of project implementation, within 30 days from the end of this period, the beneficiary of the grant shall make and present to JRA a Detailed Report concerning his activity within the grant.
- 5) Only articles that mention at the Acknowledgments <<This work was supported by the George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Research Grant number ...>> or <<This paper was financially supported by the George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Research Grant number ...>> are taken into consideration.
- 6) Articles that have multiple sources of financing shall not be quantified.
- 7) Failure to achieve the indicators leads to the recovery of allocated sums.
- 8) The beneficiary of the grant is responsible for keeping the financial records of the project. Copies of all invoices are going to be filed to JRA grant file.



- 9) It is recommended that the drafting of the project to be made in accordance with the description of criteria used during evaluation (Annex 02).

Art. 9. Responsibilities and accountabilities during the activities:

Grant beneficiary – submits the proposed project;

JRA Validation Committee – verifies the eligibility of the projects from an administrative point of view;

Expert Assessors – evaluate the grants in a panel;

Committee for Resolving Appeals – resolves the appeals submitted by the applicants during the selection phase.

Art. 10. UCSDT/JRA can make revisions of the present methodology in accordance with newly identified needs or as a result of modifications in the legal framework.

The present methodology was approved by the Administrative Board of the George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș on the 21st September 2020 and comes into force on 22nd September 2020.

Annexes:

Annex 01: Grant Application for Scientific Research Grants within Junior Researcher Academy UMFST-REG-107-F01-Ed.01

Annex 02: Evaluation Criteria of the Proposed Projects UMFST-REG-107-F02-Ed.01

Annex 03: Declaration of non-financing from other sources UMFST-REG-107-F03-Ed.01

Annex 04: Declaration regarding the legality and accuracy of information UMFST-REG-107-F04-Ed.01



Annex 01: UMFST-REG-107-F01-Ed.01

**INTERNAL COMPETITION FOR SCIENTIFIC RESEARCH GRANTS WITHIN
JUNIOR RESEARCHER ACADEMY – EDITION 20...**

**GRANT APPLICATION FOR SCIENTIFIC RESEARCH GRANTS WITHIN
JUNIOR RESEARCHER ACADEMY**

Page 1 out of 5

PROJECT TEMPLATE - FOR SCIENTIFIC RESEARCH GRANTS

1. Personal identification data of the beneficiary of the proposed grant

1.1. Name	
1.2. Surname	
1.3. Date of birth (DD/MM/YYYY)	
1.4. Year of study	
1.5. Address	
1.6. Phone no.	
1.7. E-mail	

2. Project title (max. 15 words)

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3. Keywords (max. 5)

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4. Project duration (max. 24 months) _____

5. Project summary (max. 250 words)

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6. Current state of knowledge in the field at national and international level, according to the latest references in the literature (maximum 1 page)

7. Objectives and research activities of the proposed research/innovation project

Objectives (Objective name)	Associated activities *
1.	1.
	2.
	3.
2.	1.
	2.
	3.
3.	1.
	2.
	3.
...	1.
	2.
	3.

* Research activities, corresponding to the scientific objectives, delimit the phases / stages of achieving the objective. Each objective corresponds to one or more activities / deliverables.



Gantt chart

Work package/Activity	Year Quarter							
	1	2	3	4	5	6	7	8

8. Potential impact of the results of the proposed research/innovation project, described both at the current stage and at possible future development stages of the proposed research/innovation direction (maximum 1/2 page)



9. Presentation of the infrastructure / equipment within UMFST G.E. Palade Tg. Mureș that is to be used in the project. (maximum ½ page)

10. Risks associated with the pilot project (maximum ½ page)

11. Justification of the requested budget (Details of what is to be purchased and of any mobility planned to be carried out)

Budget chapter / line	Justification	Estimated cost (in lei)
LOGISTICS EXPENSES		
.....		
.....		
Total logistics expenses		
MOBILITY EXPENSES		
.....		
.....		
Total mobility expenses		
OVERHEAD (10% of the TOTAL BUDGET)		
TOTAL ESTIMATED BUGET		



12. **Scientific background of the mentor of the applicant:** briefly present the mentor's scientific activity that is specifically relevant to the project; provide three references to published articles that are most relevant in this context; provide references to previous relevant research projects if available (maximum ½ page)

13. **Scientific background of the applicant:** briefly present the applicant's scientific activity that is specifically relevant to the project; provide at least one and maximum three references to published articles that are most relevant in this context; provide references to previous relevant research projects if available (maximum ½ page)

14. **Bibliography**

.....

Date _____

Project tutor,

Candidate's signature _____

Function, Name, First Name,

Signature _____



EVALUATION CRITERIA OF THE PROPOSED PROJECTS

I. Evaluation of the description of current stage knowledge in the targeted field – max. 10 points

The following aspect shall be assessed:

- candidate's ability to identify relevant sources of the literature (level, topicality and relevancy of publications to which the description of current stage refers to) – **maximum 5 points**;
- ability to synthesize information collected from bibliographic sources – **maximum 5 points**

II. Evaluation of the study design and of the research methodology – maximum 20 points

The following aspect shall be assessed:

- Explicit definition of the end goal – **maximum 3 points**
- Clarity and coherence of the description – **maximum 5 points**
- Consistency between the methodology of the chose research/innovation and the objectives of the project: the objectives and the activities of the project suitably describe the execution of the project, with details of methodology/proposed technique, mentioning each phase's deliverables (a general format of the type: documentation, establishing methods, study, communication of results etc. is discouraged) – **maximum 10 points**
- Degree of interdisciplinarity (the extent to which the proposed project involves methodologies from different disciplines, clinical – laboratory/experiment connection, medical-technological-informational) – **maximum 2 points**

III. Evaluation of the impact of the proposed research/innovation – maximum 20 points

The following aspects shall be assessed:

- The importance of the problem approached by the direction of the proposed research – **maximum 5 points**
- The extent to which the project contributes to developing knowledge in the given field – **maximum 5 points**
- The degree of novelty and complexity of the proposed solutions – **maximum 5 points**
- Practical applicability aspect, the way in which the proposed research direction can materialise in the future – **maximum 5 points**

IV. Risk Assessment and Addressing Issues of Research Ethics – maximum 10 points

The following aspects shall be assessed:

- Identification of risks associated with the implementation of the project; how suitable the proposed methods for approaching these risks are – **maximum 5 points**



- Mode of describing and approaching issues of ethics – **maximum 5 points**

V. Evaluation of use of resources – maximum 15 points

The following aspects shall be assessed:

- How suitable are the proposed resources in relation to the objectives of the project? - **maximum 5 points**
- Suitable dimensioning of budget headings and the degree of detailing of estimated expenses – **maximum 10 points**

VI. Assessing the Scientific Competence of the Applicant’s Mentor – maximum 10 points

The following aspects shall be assessed:

- The quality of the mentor’s research results based on relevant publications’ list. Focus is on publications as first author in the field of the project – **maximum 5 points**
- The capacity of the mentor to participate in research projects as shown by the list of research projects implemented until the present, relevant for the topic of the proposed project. Focus is on projects won in international/national competitions, executed as project director in the field of the present project – **maximum 5 points**

VII. Assessment of the Applicant’s Scientific Competence – maximum 15 points

The following aspects shall be assessed:

- The quality of the applicant’s research results based on relevant publications’ list – **maximum 5 points**
- The capacity of the applicant to participate in research projects as resulted from the list of previous research projects implemented until the present, relevant for the topic of the proposed project - **maximum 5 points**
- Mobilities made at foreign universities/research institutes, with a duration of at least 14 days in order to carry out research activities in the field of the proposed project – **maximum 5 points**



Annex 03: UMFST-REG-107-F03-Ed.01

DECLARATION OF NON-FINANCING FROM OTHER SOURCES

The undersigned, as beneficiary of the grant I hereby declare on my own responsibility that the activities and works of the project titled:

“,
.....”

.....”, submitted within the Internal competition for granting financing in the scope of implementing scientific research grants within **Junior Researcher Academy** edition, organised by George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, **are not and have not been financed from other sources**,

DATE:

Signature:



Annex 04: UMFST-REG-106-F04-Ed.01

DECLARATION REGARDING THE LEGALITY AND ACCURACY OF INFORMATION

The undersigned, as beneficiary of the grant with the title:

“

.....”, submitted within the Internal competition for granting financing in the scope of implementing scientific research grants within **Junior Researcher Academy** edition, organised by George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, I hereby certify on my own responsibility the legality and accuracy of the information included in the application for financing.

DATE:

Signature: