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# Criteria for the selection of Research Teams conducting scientific activities in the form of the Virtual Research Institute for funding by the Polish Science Fund

30 /11/2020

Appendix 2 to the Competition Regulations for the selection of proposals of Research Teams conducting scientific activities in the form of the Virtual Research Institute

## CRITERIA FOR SELECTING RESEARCH TEAMS CONDUCTING SCIENTIFIC ACTIVITIES IN THE FORM OF THE VIRTUAL RESEARCH INSTITUTE FOR FUNDING BY THE POLISH SCIENCE FUND

The basis for the development of the criteria for selecting Research Teams by the Managing Entity of the Virtual Research Institute ["WIB"] is the Act of 4 April 2019 on Polish Science Fund's support for scientific activities (Journal of Laws of 2019, item 823), in particular the provisions of Article 5 section 4 and 5, Article 8 section 1 point and Article 11 section 1-5.

The criteria for selecting Research Teams are a specific set of requirements (formal and substantive) that must be met in order to obtain funding from the Polish Science Fund for the scientific activities of the Research Teams.

The criteria for selecting Research Teams are divided into:

- 1) formal criteria,
- 2) substantive criteria:
  - a) scientific,
  - b) economic-social.

The evaluation is made on the basis of the submitted Application and attachments. The application should be completed in accordance with the instruction and contain the information required under the individual criteria specified in this document. The list of obligatory attachments to the Application is provided in the template of the Funding Application the Research Team from the Polish Science Fund. It is not obligatory to provide any attachments other than those required, in particular all kinds of expert analyses, including market analyses performed at the request of Applicants by specialised external entities in order to present them to the Managing Entity. The analyses required under the substantive criteria may be based on publicly available data or data already held by the Applicants, if they justify the implementation of Research Tasks in the context of defined market needs.

## FORMAL EVALUATION

no.	Name of the criterion	Description of the criterion	Evaluation
<b>Section 1 – Applicant</b>			
1.	Eligibility of the Applicant	<p>As part of the criterion, it is verified whether the Applicant may submit an Funding Application of the Research Team in accordance with the catalogue of Applicants specified in the Competition Regulations pursuant to Article 11 of the Act of 4 April 2019 on Polish Science Fund's support for scientific activities and Article 7, section 1, points 1, 3 and 6-8 of the Act of 20 July 2018 - The Law on Higher Education and Science.</p> <p>The criterion also verifies whether:</p> <ul style="list-style-type: none"> <li>• The leader conducts scientific activities at the Applicant's,</li> <li>• Research Team Members operate in entities in accordance with the catalogue specified in Article 7 of the Law on Higher Education</li> </ul>	<p><b>yes/no</b> (may not be corrected/supplemented)</p> <p><b>failure to meet the criterion results in the rejection of the Application</b></p>
2.	The Applicant is not subject to exclusion from applying for financing	<p>As part of the criterion, in relation to the Applicant the Leader conducts scientific activities, and the entities, in which the Key Personnel Members conduct scientific activities, it is verified whether the conditions specified in:</p> <p>- Article 9, section 1, point 2 and point 4 of the Act of 28 October 2002 on the liability of public entities for acts prohibited under penalty exist.</p>	<p><b>yes/no</b> (may not be corrected/supplemented)</p> <p><b>failure to meet the criterion results in the rejection of the Application</b></p>
3.	Registration of entities within the Republic of Poland	<p>As part of the criterion, it is verified whether the Entity in which the Leader conducts scientific activities, and the entities in which Key Personnel Members conduct scientific activities, are registered in the Republic of Poland.</p>	<p><b>yes/no</b> (may not be corrected/supplemented)</p> <p><b>failure to meet the criterion results in the rejection of the Application</b></p>
<b>Section 2 – Application</b>			
1.	Submission of the Application to the appropriate designated entity in the competition documentation	<p>As part of the criterion, it is verified whether the Application has been submitted to the entity indicated in the <i>Competition Announcement</i> and in the <i>Competition Regulations</i>.</p>	<p><b>yes/no</b> (may not be corrected/supplemented)</p> <p><b>failure to meet the criterion results in the rejection of the Application</b></p>

2.	Submission by the Applicant of only one Funding Application for a Research Team with a specific composition	<p>As part of the criterion, it is verified whether the Applicant has submitted only one Application in a given competition for financing a Research Team with a specific composition (Leader and Key Personnel Members).</p> <p>It is unacceptable that the same persons are involved in different Research Teams (each Application that includes such Research Teams will be rejected – this applies only to the Leader and Key Personnel Members).</p>	<p><b>yes/no</b> <b>(may not be corrected/supplemented)</b></p> <p><b>failure to meet the criterion results in the rejection of the Application</b></p>
3.	Submitting the Application within the time limit specified in the competition documentation	<p>As part of the criterion, it is verified whether the Application was submitted within the time limit specified in the Competition Announcement.</p>	<p><b>yes/no</b> <b>(in the case of submitting the application before the start of the recruitment or after the end of the recruitment - may not be corrected/supplemented)</b></p> <p><b>failure to meet the criterion results in the rejection of the Application</b></p>
4.	Completeness and correctness of the Application and attachments	<p>As part of the criterion, it is verified whether the Application has been prepared in accordance with the formal requirements provided in the Competition Announcement and Regulations. The Application meets the following requirements, namely:</p> <ol style="list-style-type: none"> <li>1) it was submitted on a correct form, without its unauthorised modification and in the required number of copies,</li> <li>2) the paper version is compatible with the electronic version (if applicable),</li> <li>3) it is complete, i.e. all required fields have been completed,</li> <li>4) it contains all required, valid and correctly completed attachments,</li> <li>5) it has been signed - along with attachments - by authorised persons in accordance with the representation resulting from the relevant public registers, attached power of attorney or in accordance with other generally applicable regulations,</li> <li>6) the cost estimate is formally correct, i.e. all fields have been correctly completed and the value of the Research Task does not exceed the available allocation of funds in the competition (the evaluation of the validity, adequacy and reliability of the cost estimate is verified during the substantive evaluation);</li> <li>7) the required fields of the Funding Application have been translated into English and the translated versions are identical.</li> </ol> <p>This criterion also verifies whether:</p> <ol style="list-style-type: none"> <li>1) In the event that the Research Team is planning to use Background IP for the implementation of the project, it provides information in the Application that clearly identifies Background IP (title, patent application number,</li> </ol>	<p><b>yes/no</b> <b>(may be corrected/supplemented once)</b></p>

		<p>implementation number) and declares that the owner of Background IP agrees to use it if financing is obtained. The completeness of information is evaluated;</p> <p>2) In the event that the Research Team is planning to use another Intellectual Property for the implementation of the project, e.g. a commercial cell line, plasmid, software, database, it provides in the Application information that allows it to be clearly identified and declares that it knows the legal form in which it will obtain the right to use and that it verified that there will be no formal obstacles to the commercialisation of the project results. The completeness of the information is evaluated.</p>	
<b>Section 3 - Research Task</b>			
1.	Compliance of the Research Task with programme documents as well as WIB's goals and research areas	<p>As part of the criterion, it is checked whether the Research Task fits in the research area (medical biotechnology - oncology) indicated in the Communication and the programme documents listed: the Act on Polish Science Fund's support for scientific activities and documents in force in the following state policies, including:</p> <ul style="list-style-type: none"> <li>– development policy (e.g. <i>Strategy for Responsible Development by 2020 including the perspective by 2030</i>),</li> <li>– innovation policy (<i>National Smart Specialisations</i> - version from 01/01/2019; KIS [National State Treasury Information] No. 1 Healthy Society),</li> <li>– research policy (<i>National Research Programme. Assumptions for the State research, technology and innovation policy</i> of 2011 - the direction of scientific research and development works no. 2 - lifestyle diseases, new medications and regenerative medicine - the document is valid until the date of entry into force of the State Research Policy developed on the basis of the Law on Higher Education),</li> <li>– health policy (e.g. <i>National Health Programme 2016-2020, National Programme for Fighting Cancer Diseases for 2016-2024, National Drug Policy 2018-2022</i>).</li> </ul> <p>The formal compliance of the Research Task with the documents and the research area is evaluated (evaluation of compliance and significance of the effects of the scientific activities included in the Research Task for economic development and the national development policy, including the contribution to the innovation of the economy specified in the programme documents, is verified during the substantive evaluation).</p>	<p style="text-align: center;">yes/no (may not be corrected/supplemented)</p> <p style="text-align: center;">failure to meet the criterion results in the rejection of the Application</p>
2.	Non-economic scope of work in the Research Task as well as public aid and de minimis aid	<p>Financing from the Research Task Fund may not constitute public aid for entities in which the Leader and Research Team Members conduct scientific activities. Consequently, it is a prerequisite that the Research Tasks are related only to the non-economic (core) activity of these entities, as referred to in chapter 2.1.1 Public funding of non-economic activities of the <b>Commission Communication - Framework for State aid for research and development and innovation</b> (Official Journal UE C 198, 27.6.2014, p. 1-29) - points 18-20.</p> <p>If the same entity conducts both economic and non-economic activities, the public funding of non-economic activity will not be considered as state aid if the two activities and their costs, funding and revenues are clearly separated in order to avoid cross-subsidisation of the economic activity. These conditions are verified by analysing the PKD [Polish Classification of Economic Activities] (NACE) classification codes for the main and auxiliary activities of the entity, the content of the PNT-01, MN-01/MN-02 statistical reports and annual financial statements. The Managing</p>	<p style="text-align: center;">yes/no (may not be corrected/supplemented)</p> <p style="text-align: center;">failure to meet the criterion results in the rejection of the Application</p>

		Entity or Experts, at each stage of the competition and before the conclusion of the agreement for funding the Research Team, may request each entity in which the Leader and Research Team Members conduct scientific activities to submit documents, in particular constitutional, organisational or financial, that confirm the fulfilment of this criterion.	
3.	Start of financing of the Research Task after the date of submitting the Funding Application	<p>Expenditures related to the Research Task may be financed after the date of submitting the Funding Application. The costs are then borne by the Applicant/Research Team with the risk that the Research Team might not be selected for funding (no claim for payment from the Managing Entity). The commencement of a Research Task is considered in particular: the commencement of research and development works, signing a contract with a supplier or service provider, delivery of goods or provision of a service, and the commencement of the service itself, advance payment or a down payment on the delivery of goods or provision of a service. In the case of outsourcing research services in the Task to a subcontractor, the commencement of the Research Task is not considered and may take place before the submission of the Funding Application:</p> <ul style="list-style-type: none"> <li>o conducting and resolving the subcontractor selection procedure (e.g. sending an inquiry, submitting an offer by a subcontractor, evaluation of offers),</li> <li>o conclusion of a conditional agreement with a research and development subcontractor,</li> <li>o signing letters of intent.</li> </ul> <p>The recruitment procedure for Research Team Members is not considered to be the commencement of the Research Task.</p> <p>In the case of entities obliged to incur expenses pursuant to the provisions on public procurement (the Act of 29 January 2004 – <i>Public Procurement Law</i>), initiation of the procedure and selecting a contractor does not constitute the beginning of the Research Task (provided that the entity in which the Leader and each of the other Research Team Members are employed reserved in the contract/invitation notice the right to cancel the procedure in the event of not being granted funds, pursuant to Article 93, section 1a of the abovementioned <i>Public Procurement Law</i>).</p> <p>Financing from the Fund may not be awarded retrospectively for a Research Task already completed or in progress (except in the situation described above), including funding from other sources.</p>	<p>yes/no</p> <p>(may not be corrected/supplemented)</p> <p>the failure to meet the criterion results in the rejection of the Application</p>
6.	Eligibility of expenditure	<p>As part of the criterion, it is verified whether the expenses indicated in the Application fit into the types of expenses that may be financed in accordance with the appendix to the Competition Regulations "General rules for the eligibility of expenses of Research Teams conducting scientific activities in the form of the Virtual Research Institute".</p> <p>As part of the criterion, only compliance with the types of expenditure is verified. The validity and adequacy of expenditures is subject to substantive evaluation.</p>	<p>yes/no</p> <p>(may be corrected/supplemented once)</p>
7.	Research Task implementation indicators	As part of the criterion, it is verified whether the Applicant has specified output indicators in the Funding Application for the Research Team in accordance with the requirements set out in the Competition Regulations.	yes/no

	Proper selection of output indicators from the perspective of authenticating the achievement of the Team's work goals, their values and the planned deadlines for their achievement will be subject to substantive evaluation.	(may be corrected/supplemented once)
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SUBSTANTIVE EVALUATION					
no.	Name of the criterion	Description of the criterion	Evaluation		
Section 1 Substantive criteria – scientific			Scale of evaluation:	Weight of the Criterion	Maximum score
1.	The Leader's previous achievements in scientific activities	<p>Evaluation of the Leader's scientific achievements (data not older than for the last 5 years from the year of submission of the Application) – corresponding to the stage of the scientific career and the represented field:</p> <ol style="list-style-type: none"> <li>1. achievements and experience gained in managing research teams, including those in the international environment (at foreign research centres, enterprises), in particular as part of projects financed from national or foreign funds, including consortia,</li> <li>2. achievements and experience in conducting and managing scientific research/development works, including those in the international environment (at foreign research centres, enterprises), in particular as part of projects financed from national or foreign funds, including consortia,</li> <li>3. experience (scientific achievements) in participation in substantive work as part of research teams, including work in the international environment (at foreign research centres, enterprises), including consortia,</li> <li>4. publications: monographs, publications, including those in renowned indexed foreign publications/journals - directly related to the field of medical biotechnology (maximum 10 examples demonstrating the highest scientific substantive value) - evaluation of the impact of the most important works, as selected by the Leader, on global science</li> <li>5. number and value (PLN) of completed scientific and research projects financed from public funds, including consortia (broken down into Polish and foreign sources of financing, project titles and numbers, names of financing institutions, execution periods, names of consortium members) - excluding tasks financed from constitutional grants/ subsidies,</li> <li>6. other important elements of scientific achievements, e.g. international/Polish prestigious recognitions related to awards for conducted scientific research, organisation of recognised/prestigious international/Polish</li> </ol>	0-4	1	4

		<p>scientific conferences, active and ongoing membership of international/domestic scientific or economic organisations/committees, etc.</p> <p>The following are also subject to verification:</p> <ul style="list-style-type: none"> <li>– the level of the Leader's involvement and its adequacy and complementarity (quantitative and qualitative) to the level of involvement and composition of the Research Team in terms of the scope and type of planned research works and their stages in terms of ensuring the proper implementation of the Research Task and the optimal use of the Research Team Members employed in individual entities, including in relation to the rules of eligibility of expenditures,</li> <li>– description of the Leader's potential allowing world-class scientific research and/or development works, the results of which may become the basis for the development of globally/internationally significant products/services in the area indicated in the Communication.</li> </ul> <p>As part of this criterion evaluation will also include the proposed methods, rules and tools for acquiring and recruiting necessary persons for the Research Team, making binding decisions on the recruitment and periodic evaluation of the Research Team Members; it is acceptable to describe internal rules of recruitment for the Research Team and its evaluation, including any efforts to recruit, select and retain the best people in the Research Team, avoiding conflicts of interest, etc., provided that they comply with the Recruitment and Evaluation Standards for Research Teams developed by the Managing Entity.</p>			
2.	The current achievements of the Key Personnel Members of the Research Team in scientific activities	<p>Evaluation of Research Team Members' (Key Personnel) scientific achievements (data not older than for the last 5 years from the year of submission of the Application) – corresponding to the stage of the scientific career and the represented field:</p> <ol style="list-style-type: none"> <li>1. achievements and experience gained in managing research teams, including those in the international environment (at foreign research centres, enterprises), in particular as part of projects financed from national or foreign funds, including consortia,</li> <li>2. achievements and experience in conducting and managing scientific research/development works, including those in the international environment (at foreign research centres, enterprises), in particular as part of projects financed from national or foreign funds, including consortia,</li> <li>3. experience (scientific achievements) in participation in substantive work in research teams, including work in the international environment (at foreign research centres, enterprises), including consortia,</li> <li>4. publications: monographs, publications, including those in renowned indexed foreign publications/journals - directly related to the field of medical biotechnology (maximum 10 examples demonstrating the highest</li> </ol>	0-4	1	4



		<p>scientific substantive value) - evaluation of the impact of the most important works, as selected by the Research Team Members, on global science</p> <p>5. number and value in PLN of completed scientific and research projects financed from public funds, including consortia (broken down into Polish and foreign sources of financing, project titles and numbers, names of the financing institution, execution periods, names of consortium members) - excluding tasks financed from constitutional grants/subsidies,</p> <p>6. other important elements of scientific achievements, e.g. international/Polish prestigious recognitions related to awards for conducted scientific research, organisation of recognised/prestigious international/Polish scientific conferences, active and current membership of international/domestic scientific or economic organisations/committees, etc.</p> <p>The following are also subject to verification:</p> <ul style="list-style-type: none"> <li>- the number of Research Team Members involved (or planned to be involved) in the implementation of the Research Task and the level of involvement of each of them as well as the adequacy and complementarity (quantitative and qualitative) of the composition of the Research Team in relation to the scope and the type of planned research works and their stages in terms of ensuring the proper implementation of the Research Task and optimal use of the Research Team Members from individual entities, including in relation to the rules of eligibility of expenditures,</li> <li>- description of the potential of the Research Team allowing world-class scientific research and/or development works, the results of which may become the basis for the development of globally/internationally significant products/services in the area indicated in the Communication.</li> </ul> <p>Persons indicated in the Funding Application as the Leader and Research Team Members may not be at the same time contractors of any works on the part of the subcontractor.</p> <p>This criterion includes a qualitative evaluation of the named composition of the Key Personnel Research Team, including a description of the conducted scientific activities, areas of specialisation in the Task and a description of the complementarity of the Key Personnel Members and their competencies.</p> <p>Under this criterion Research Teams whose members are employed in various entities will be preferentially awarded, if the above proves their greater potential to conduct world-class scientific activities.</p>			
3.	Potential of the Research Team to conduct world-class scientific activities – Description of the	Qualitative evaluation of planned scientific activities and their results, including their consistency (whether the relationships between tasks, products and results are consistent and logical):	0-4	3	12

<p>Research Task and the Research Plan</p>	<ol style="list-style-type: none"> <li>1) the purpose of the Research Task and the nature of the research problem (what scientific problem/scientific, socio-economic challenge is or will be solved by the Research Task),</li> <li>2) description and quality of the applied research method and research hypotheses,</li> <li>3) scientific value of the Research Task/description of the scientific level of the planned research work - correctness of the research problem definition and appropriateness of the proposed research methodology/methodology for the implementation of research and work in relation to the current state of knowledge and technology,</li> <li>4) strategic nature of the Research Task (description of the extent to which the implementation of the Research Task contributes to the achievement of the objectives set out in the Act, WIB research areas and one of the selected thematic areas of the WIB, strategic documents in force under State policies); Research task leading to important discoveries or breakthrough results,</li> <li>5) execution period of the Research Task (whether the period is compliant with the Competition Regulations),</li> <li>6) material scope of the Research Task - description, stages and milestones (including: <ul style="list-style-type: none"> <li>• novelty of the proposed research/works, their innovation, originality of the method of solving the given problem, taking into account the latest achievements of science and technology in this field,</li> <li>• feasibility of tasks on the international-market scale,</li> </ul> </li> <li>7) whether the planned activities are feasible in the planned period, scope, budget and team, the nature of the Research Task including scientific activities (whether the Research Task is expected to include the implementation of scientific research and/or development works),</li> <li>8) the correctness of assigning individual scopes of work in a Research Task to the appropriate category: scientific research or development work,</li> <li>9) material and financial schedule, encompassing measures of the effect (and not only the input) for the expenditure planned to be incurred in the given execution periods of the Research Task,</li> <li>10) Research Plan (research and development work plan), including: the main innovative research areas, indicative research and development plan divided into stages and the assumed measurable milestones, main results and effects as well as products of the planned research and development works, i.e. is the plan for the implementation of the Research Task (including the material and financial schedule of works, including the time necessary to obtain the required approvals of the relevant authorities, etc.) is clear, feasible and properly designed, taking into account all the activities necessary for the implementation of the Research Task, and the date of completion of the Research Task implementation is achievable; preference will be given for a faster, but at the same time realistic execution period of the Research Task by a given Research Team,</li> <li>11) description of the standards necessary for commercialisation and their adaptation to a specific Research Task, if the Research Task requires the use of such standards,</li> </ol>			
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	<p>12) selection of output indicators to authenticate the implementation of the goal of the Research Team's work, their values and the planned deadlines for their achievement,</p> <p>13) description of the innovation level of the planned works (at the international level),</p> <p>14) analysis of the demand in the business sector (industry)/market for the results indicated in the research plan/results of the research /works included in the plan indicated in the research plan. NOTE: it is not obligatory to present a demand analysis based on specialised analyses produced by specialised external entities. Demand analysis may be based on publicly available data or data held by Applicants, if that data justifies the implementation of the Research Task in the context of the defined market needs,</p> <p>15) justification of the eligibility, legitimacy and adequacy of the Research Task expenditures broken down by categories of expenditure,</p> <p>16) description of the research infrastructure planned to be used, owned by the entities from which the Leader and Research Team Members come (rooms, equipment, materials, other amenities and technical facilities); additionally, in the case of a Research Task planned to be implemented by a Research Team consisting of people from various entities, there is a necessity of providing a description of the adequacy, potential and complementarity of the above-mentioned infrastructure and proper selection of the Research Team Members for research works, enabling the optimal use of the infrastructure of those individual entities,</p> <p>17) the risks identified in the Research Task, also through the prism of milestones - identifying a total of 5 risks from various areas of managing the Research Task: scientific and non-scientific, determining the impact and probability of risk occurrence and a description of methods for minimising the risks,</p> <p>18) description of the adopted methodology (e.g. based on a recognised standard for project management or good management practices) and the manner of managing the Research Task, i.e.:</p> <ul style="list-style-type: none"> <li>- does the description of the division of roles, positions, tasks and responsibilities in the Research Task ensure an efficient, effective, timely and results-oriented Research Task, while only one person in the Research Team may be the Team Leader,</li> <li>- is a description of the method of managing the Research Task, including its supervision, coordination, mutual cooperation and communication, monitoring of risks, changes and both material and financial progress in the implementation of the Task (within the Research Team and between the entities from which the Leader and the Research Team Members come) is adequate to its scope, ensuring its efficient, effective and timely implementation,</li> <li>- is the description of the amount of time of Research Team Members' involvement defined correctly, does it meet the minimum requirements specified in the <i>General Principles of Eligibility of Expenditure</i>, will it allow the Research Task to be implemented.</li> </ul> <p>The assumption is to support the development of innovative products/technologies/services in the field of biotechnology – oncology with an international potential, which are not yet available on the Polish market or those</p>			
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	<p>that are available, but offer new, innovative functionalities on the international market scale. The evaluation will take into account the level of novelty of a given solution in relation to the current solutions and its importance for the development of the Polish economy, its modernisation and the improvement of its competitiveness on the international market, and its positive impact on Polish society. Therefore, it will be verified whether the proposed solution is characterised by a sufficient degree of novelty, or whether the solution's changes/features/new functionalities related to the Polish market are insignificant and do not exhibit a sufficient degree of novelty.</p> <p>This criterion will check the cost estimate (total and detailed costs), broken down into time periods and entities from which the Leader and Research Team Members come, and divided into the Leader and Research Team Members, as well as compliance with the eligibility rules, the assignment of eligible expenses to the appropriate category of tests/works and specific items of expenses planned in the cost estimation to the appropriate categories of expenses, including those subject to limitations, and whether all the expenses planned are necessary to achieve research goals, and whether the proposed amount of expenses is adequate for the implementation of the activities planned in the Research Task.</p> <p><b>The legitimacy of the planned expenses in relation to the scope of works included in the Research Task and in relation to the expected results.</b></p> <p>The evaluation includes the validity and adequacy of the requested expenses for the implementation of the Research Task (justified/ unjustified) in relation to the scope of works included in the Research Task and in relation to the expected results. Guiding questions: Are the costs justified, are they not understated or overstated in relation to the scope of works included in the Research Task and in relation to the expected results? Is the cost structure appropriate in respect of the works planned in the Research Task?</p> <p><b>Legitimacy of expenses:</b></p> <p>It is verified whether the nature of the planned expenses reasonably corresponds to the objectives of the Task. Are the expenses essential, necessary and only related to the implementation of activities considered eligible in the Task? In particular, it should be analysed whether the expenses incurred are technically, economically and functionally optimal and if they directly contribute to the implementation of the basic objectives of the Task.</p> <p><b>Adequacy of expenses:</b></p> <p>The reasonability of expenses is verified, i.e. whether the amount of individual expenses has been correctly and reliably assessed and justified (i.e. whether the expenses have been overstated or understated) and whether they are relevant to the scope of specified works and to their results and effects. The adequacy of expenses means that the proposed amount is reflected in the results of the Research Task, and the goal to be achieved with the given expenditure is optimally planned in terms of cost.</p>			
	<p><b>TOTAL SCORE</b></p> <p><u>For criteria no. 1-2:</u></p>			<p><b>20 points</b></p>

	<p>The score awarded at this stage of substantive evaluation, being the result of the evaluation (the product of the score awarded on the evaluation scale and the weight of the criterion), means that the Application of the Research Team meets the given criterion to the following degree:</p> <p>4 - very good,  (3.5-3) - good,  (2.5-2) - mediocre,  (1.5-1) - low,  (0.5-0) - insufficient.</p> <p><b><u>For criterion no. 3:</u></b></p> <p>The score awarded at this stage of the substantive evaluation, being the result of the evaluation (the product of the score awarded on the evaluation scale and the weight of the criterion), means that the Application of the Research Team meets the given criterion to the following degree:</p> <p>(12-10) - very good,  (9.5-7) - good,  (6.5-4) - mediocre,  (3.5-1) - low,  (0.5-0) - insufficient.</p> <p>The award of 0 points in a given criterion does not result in the rejection of the Funding Application. For the Funding Application to qualify to the next stage of the substantive evaluation based on economic-social criteria, the arithmetic mean of the total score awarded individually by each Expert must constitute at least 60% of the maximum score that can be obtained as part of the evaluation based on scientific criteria, i.e. 12 points</p> <p><b>Only the Applications of Research Teams that meet the above conditions are submitted for substantive evaluation in terms of economic-social criteria.</b></p>		
Section 2 Substantive criteria - economic-social	scale of evaluation	weight of the criterion	maximum score

1.	Previous commercialisation-related achievements and experience of both the Leader and Research Team Members	<p>The commercialisation-related evaluation of the Leader and Research Team Members as the Key Personnel (data not older than for the last 5 years from the year of submission of the Application) focuses on financial results or other practical aspects (e.g. drug/medicinal product/medical device or technology that is currently under implementation):</p> <ol style="list-style-type: none"> <li>1. achievements and experience of the Leader and Research Team Members in the commercialisation of research/work results and cooperation with the business sector, also in the international environment (up to 5 examples of the highest financial value), in particular as part of projects financed from national or foreign funds,</li> <li>2. achievements and experience of the Leader and Research Team Members in the implementation of scientific research projects in the field of biotechnology carried out with research units or entrepreneurs, focused on the commercial use of the results of research/works, in particular financed from national or foreign public funds - excluding the tasks financed from constitutional grants/subsidies,</li> <li>3. achievements and experience of the Leader and Research Team Members in the implementation of scientific research projects in the area indicated in the Announcement (excluding basic research) carried out on request with entrepreneurs (scientific research commissioned by enterprises - from private funds coming from industry) for commercialisation of the research results, aimed at the commercial use of the obtained research/work results, financed from private national or foreign funds – <b>a description of the usefulness of the obtained research/work results,</b></li> <li>4. achievements of the Leader and the Research Team Members in relation to industrial property rights: patents, including international patents, data exclusivity rights within the meaning of Article 10 section 1 of Directive 2001/83/EC, SPC - Supplementary Protection Certificate for medicinal products after the expiry of the basic patent protection within the meaning of Regulation No. 469/2009; patent applications cannot be recognised as achievements,</li> <li>5. achievements of the Leader and Research Team Members related to the practical application of the results of the research/works and innovative activities (including the new technologies developed, innovative products, deployments, patent or license sales, founded start-up/spin-off companies),</li> <li>6. presentation of the results achieved by the entities from which the Leader and Research Team Members come, in terms of: <ul style="list-style-type: none"> <li>• the share of revenues (PLN) from the business sector in the area of biotechnology in the total revenues of the entity directly implementing the Research Task,</li> <li>• the number and value (PLN) of joint scientific research projects carried out with research units or entrepreneurs in the field of biotechnology (excluding basic research projects) financed from public and private funds (broken down into Polish and foreign sources of financing),</li> </ul> </li> </ol>	0-4	4	16
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		<ul style="list-style-type: none"> <li>the number and value (PLN) of concluded contracts/agreements on cooperation with the economic sector in the scientific field of biotechnology.</li> </ul> <p>7. other relevant achievements and experience</p>			
2.	The commercialisation potential of the planned results of scientific activities	<p>The evaluation will include:</p> <ol style="list-style-type: none"> <li>1) the description of the socio-economic need for the results of the Research Task (target market - indication of potential recipients of the product/technology/service interested in the results of the Research Task and the estimated size of the market; the substantiation of the economic success of the implementation of the results; proving that the product/technology/service will meet the actual needs of recipients/customers in Poland; the competitiveness of the Research Task outcome in relation to other similar solutions offered on the Polish market and demonstrating that there will be an increase in the assortment or entry into new markets as a result of the implementation of the Research Task – the evaluation in this aspect is based on the analysis of data on the characteristics of the target markets and the utility and functional features of solutions that serve a similar basic function, already existing on the target market). NOTE: It is not obligatory to present an analysis of the socio-economic needs based on specialised analyses issued by specialised external entities. The analysis may be based on publicly available data or data held by Applicants if that data justifies the implementation of the Research Task in the context of the defined socio-economic needs,</li> <li>2) a description of the significance of research results for the Polish socio-economic development and their impact on increasing the level of market use (implementation) of such research results in Poland,</li> <li>3) a description of the proposed method of implementation/introduction of a product/technology/service to the market or the application of a new technology in business (implementation strategy),</li> <li>4) a description of whether the application of research results/works resulting from the implementation and financing of the Research Task will take place in Poland,</li> <li>5) a description of the potential of expected results and their future socio-economic applications in Poland.</li> </ol>	0-4	4	16
3.	The significance of the anticipated results of the scientific activities for the economic development and the development policy of the State, including contributions to economic innovation	<p>Evaluation of the anticipated economic and social effects – the results and economic impact (on the biotechnology sector) and the social impact (on society) of the planned research results (in accordance with the research work plan), particularly on:</p> <ol style="list-style-type: none"> <li>1) the increase in the level of economic-social development in Poland,</li> <li>2) a contribution to the development of domestic (Polish) biotechnology and oncology,</li> <li>3) a contribution to increasing the level of innovation and technological progress in the Polish economy, including the development of enterprises in Poland,</li> <li>4) a contribution to healthcare, senior and drug policies in Poland, including in the context of the ever-growing life expectancy and aging of the Polish society, including the development of therapies and access to therapy, products, technology, etc.,</li> </ol>	0-4	1	4

	<p>5) benefits that Polish society will obtain from them – specific social groups (identification and description of the planned permanent social change resulting from the implementation of the Research Task, expressed in any measurable [%/financial, etc.] or non-measurable indicators and by any method, e.g. SROI), e.g. improving the quality and reducing the costs of treating certain diseases and thus contributing to the improvement of the economic and social situation of people and families in the Republic of Poland, contributing to the improvement of the quality of treatment of certain diseases, including diseases specific to, e.g., the elderly or disabled in the Republic of Poland, broader social access to modern medicinal products/medical devices, creation of jobs for qualified research and development staff, the integration of the scientific community with industry.</p> <p>This criterion also evaluates:</p> <ul style="list-style-type: none"> <li>- whether the presented non-measurable economic/social effects of the Research Task will bring social benefits, taking into account the expenses incurred for the implementation of the Research Task,</li> <li>- the level of innovation of the solution resulting from the Research Task - taking into account the significance/disruptiveness of the proposed solution in relation to the current socio-economic situation and competitive solutions.</li> </ul> <p>“The innovation level of the economy” means the innovative activity referred to in Article 2, section 1 point 3 of the Act of 30 May 2008 on certain forms of supporting innovative activity (Journal Of Laws from 2018, item 141).</p> <p>The verification is based on the content of the Application.</p> <p>NOTE: It is not obligatory to present analyses based on specialised analyses produced by specialised external entities. The analysis may be based on publicly available data or data held by Applicants, if they justify the implementation of the Research Task in the context of the significance of its anticipated effects for the economic development and development policy of the State.</p>			
<p><b>TOTAL SCORE</b></p>	<p><b><u>For criteria no. 1-2:</u></b></p> <p>The score awarded at this stage of the substantive evaluation, being the evaluation result (the product of the awarded score on the evaluation scale and the weight of the criterion) means that the Research Team Application meets the given criterion to the following degree:</p> <p>(16-14) - very good,  (13.5-10.5) - good,  (10-7) - mediocre,  (6.5-2.5) - low,  (0-2) - insufficient.</p> <p><b><u>For criterion no. 3:</u></b></p>		<p><b>36 points</b></p>	



		<p>The score awarded at this stage of the substantive evaluation, being the evaluation result (the product of the awarded score on the evaluation scale and the weight of the criterion) means that the Research Team Application meets the given criterion to the following degree:</p> <p>4 - very good,  (3.5-3) - good,  (2.5-2) - mediocre,  (1.5-1) - low,  (0.5-0) - insufficient.</p> <p>The award of 0 points in a given criterion does not result in the rejection of the Research Team Application. For the Funding Application to qualify to the next stage of the substantive evaluation based on economic-social criteria, the arithmetic mean of the total score awarded individually by each Expert must represent at least 60% of the maximum score that can be obtained as part of the evaluation based on economic-social criteria, i.e. 22 points</p> <p><b>Only the Applications of Research Teams that meet the above conditions are submitted for substantive evaluation of the panel of experts.</b></p>			
<b>Section 3 Substantive criteria – Panel of experts</b>			<b>scale of evaluation</b>	<b>weight of the criterion</b>	<b>maximum score</b>
1.	Potential of the Research Team to conduct scientific activities at the highest international level - Description of the Research Task and the Research Plan	a description of the criterion according to criterion no. 3 in Section 1 Substantive-scientific criteria	0-4	1	4
2.	Previous commercialisation-related achievements and experience of both the Leader and the Research Team Members	description of the criterion in accordance with criterion 1 in Section 2 Substantive criteria - economic-social criteria	0-4	1	4

3.	The commercialisation potential of the planned effects of scientific activities	description of the criterion according to criterion no. 2 in Section 2 Substantive criteria - economic-social	0-4	1	4
4.	The significance of the anticipated results of scientific activities for the economic development and the development policy of the State, including contributions to economic innovation	description of the criterion according to criterion no. 3 in Section 2 Substantive criteria - economic-social	0-4	1	4
<b>TOTAL SCORE</b>		<p><b>For criteria 1-4:</b></p> <p>The score awarded at this stage of substantive evaluation, being the evaluation result (the product of the awarded score on the evaluation scale and the weight of the criterion) means that the Research Team Application meets the given criterion to the following degree:</p> <p>4 - very good,  (3.5-3) - good,  (2.5-2) - mediocre,  (1.5-1) - low,  (0.5-0) - insufficient.</p> <p>The result of the evaluation carried out by the Expert Panel is the sum of points awarded by the Panel of Experts for the Application of the Research Team (with decimal precision). The award of 0 points in a given criterion does not result in the rejection of the Research Team Application. The minimum score that the Application must receive as part of the Expert Panel is 8 points.</p>	<b>16 points</b>		
<b>The final result of the substantive evaluation</b>					

<p>TOTAL SCORE</p>	<p>The result of the final substantive evaluation of each Research Team Application is the arithmetic mean of the sum scores awarded to the Research Team's Funding Application from three substantive evaluations in terms of scientific and economic-social criteria, and those specific for the Expert Panel, with a decimal precision.</p> <p>The result of the evaluation is the ranking list of Research Team Funding Applications recommended and not recommended for the Fund's financing, arranged from the highest to the lowest score obtained, taking into account the amount of funds allocated to financing the Research Teams specified in the Competition Regulations and Competition Announcement.</p> <p>Applications recommended for funding must obtain at least 61 points out of the maximum score, i.e. 72 points</p> <p>Should two or more Research Team Applications obtain the same score, their order in the ranking list is determined by the higher number of points awarded in the substantive criteria by the Expert Panel in the following order:</p> <ul style="list-style-type: none"> <li>- The commercialisation potential of the planned effects of scientific activities,</li> <li>- The significance of the anticipated results of scientific activities for the economic development and the development policy of the State, including their contribution to economic innovation,</li> <li>- The potential of the Research Team to conduct scientific activities at the highest international level – Description of the Research Task and the Research Plan,</li> <li>- Previous commercialisation-related achievements and experience of both the Leader and the Research Team Members.</li> </ul>	<p>72 points</p>
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