Regional call for applications for programmes to boost biosanitary research for the 2025 financial year.

The generation of knowledge in all areas, its dissemination and its application to obtain social or economic benefit are essential activities for the progress of society. In the field of health, research and innovation are of special relevance due to their contribution to providing solutions to the problems of the population and to improving the sustainability of the system through the creation of a more efficient model and the returns derived from R&D itself.

In the Autonomous Community of Cantabria, this reality is particularly evident in the public health sector as a whole and especially in the Marqués de Valdecilla University Hospital, a reference centre for highly complex health care in our Autonomous Community and also for the generation of knowledge in the biomedical field. All this entails clear opportunities for the development of innovation and intra-entrepreneurship, hand in hand with the Primary Care and Nursing fields, as sectors that are familiar with the needs of patients, and essential for the development of research and innovation projects in health that aim for a comprehensive approach.

The "Marqués de Valdecilla Research Institute" Foundation (IDIVAL) is a private, non-profit making, non-governmental organisation belonging to the Public Health System of Cantabria, whose assets are permanently allocated to the achievement of the institution's general interest objectives. IDIVAL has its own legal personality and full capacity to act, being able to carry out, consequently, all those acts that are necessary for the fulfilment of the purpose for which it has been created, subject to what is established in the legal system and in its Statutes. For the purposes of Law 14/2011, of 1 June, on Science, Technology and Innovation, and the remaining basic regulations on the subject, IDIVAL is considered a public research body of the Autonomous Community of Cantabria and an agent for the execution of the Spanish Science, Technology and Innovation System in accordance with the fourteenth additional provision in the Cantabria Law 7/2002, of 10 December, on Health Management in Cantabria.

It should also be noted that IDIVAL was born from the collaboration between the then Regional Ministry of Health and the University of Cantabria as co-founding institutions. In this sense, IDIVAL, as a Health Research Institute accredited by the Carlos III Health Institute in 2015 and re-accredited in 2020 and in accordance with the objectives reflected in its Statutes, promotes the generation of knowledge, innovation and transfer of knowledge results to the health system, the scientific world and, in short, to society.

As stated in Article 6 of its Statutes, the aims of IDIVAL are: a) to bring together basic, clinical and health services research; b) to create a quality care, teaching and research environment to which undergraduate and postgraduate students, specialists in training and health professionals are exposed; and, c) to be the ideal place for attracting talent and the location of major scientific-technological facilities. These aims are expressly identified with those set by the Carlos III Health Institute for Health Research Institutes, with which IDIVAL's mission and vision are aligned as reflected in its Strategic Plan 2022-2026.

In accordance with the needs and opportunities of its environment, and more specifically with those of the Public Health System and R&D in Cantabria, IDIVAL must also promote the appearance of innovative solutions that respond to the new challenges and health problems of citizens, whose impact on people and society as a whole is direct and has far-reaching socio-economic implications in the short, medium and long term. Specifically, the activities promoted by IDIVAL have a special impact on the advancement of the clinical research and innovation capacities of the Public Health System of Cantabria. All of this with the ultimate aim of revitalising the environment, both by improving healthcare capacities and by creating wealth through the creation of employment and support for the industrialisation of the region. In this sense, entrepreneurship is an area of special interest. In recent years, an example of these actions has been "Cohorte Cantabria", a programme which has been possible thanks to the joint efforts of the Public Health System of Cantabria with the budgetary and organisational support of IDIVAL and the Marqués de Valdecilla University Hospital.

In accordance with the Spanish Strategy for Science, Technology and Innovation 2021-2027, IDIVAL designs this annual action aimed at promoting and coordinating R&D in various programmes that are of particular value in view of the results obtained so far and which are in line with the objective of Cantabria's Law 8/2022, of 27 December, on Science, Technology and Scientific Innovation in Cantabria, to strengthen and sufficiently equip our Research and Knowledge Transfer System.

This regional call for programmes to boost bio-health research is complementary to other national and international calls and its aim is not to replace them, but to act, within our regional scope, in the niches not covered by external aid, and especially in those areas of our Autonomous Community where opportunities or needs of special interest in bio-health R&D have been identified. Specifically, this call specifically focuses on the promotion and attraction of talent, the facilitation of innovation, internationalisation, the promotion of studies on patients, such as those carried out in the Cantabria Cohort promoted by IDIVAL, the development of non-commercial clinical trials and research in areas where Cantabria is committed to the development of clearly differential capacities within the National Health System, All of this is aimed at incorporating new generations of clinical researchers, specifically including Primary Care and Nursing, and with a vision

of the necessary synergy with other knowledge-generating agents in our Autonomous Community and companies.

The programmes hereby announced constitute the execution of the IDIVAL Budget and Action Plan for the year 2025, approved by the Board of Trustees of the Foundation at its meeting of 18 December 2025, and are in line with the objectives of the IDIVAL Strategic Plan.

By virtue of this, it is resolved to approve the call for programmes for the promotion of biosanitary research for the 2025 financial year.

TITLE I- COMMON BASES

1. PROGRAMMES CALLED FOR

The 8 programmes to boost bio-health research called for through this resolution comprise different actions through which IDIVAL distributes its budget in accordance with the pre-established strategic objectives and on the basis of independent evaluations. The economic allocations will in no case have the character of a subsidy as they do not involve the transfer of funds to the recipients, and IDIVAL will be responsible for their management.

- Programme No. 1: "Support IDIVAL" Programme. The aim of this programme is to support the development of IDIVAL research groups' activities.

- Programme No. 2: "Next-Val" Support Programme for Emerging Researchers. Aims to support research projects led by emerging researchers.

- Programme No. 3: "Inn-Val" Innovation Support Programme. Aims to support innovation projects in Health.

- Programme No. 4: "Int-Val" Researcher Intensification Programme. Aims to intensify research activity by means of partial substitution of healthcare activity.

- Programme No. 5: "Prim-Val" Primary Care Support Programme. Its aim is to promote research activities in the field of primary care.

- Programme No. 6: "Dtec-Val" Technological Development Support Programme. Its aim is to promote technological development projects.

- Programme No. 7: "Inplant" programme for the implantation of new clinical researchers. Aims to attract new clinical researchers to the Valdecilla environment.

- Programme No. 8: "Mentoring" programme for the implantation of new residents. Aims to attract residents with an excellent profile to the Valdecilla environment.

2. FINANCING OF THE PROGRAMMES

2.1. This call for programmes to boost bio-health research is financed from the IDIVAL budget.

The development of these programmes foresees an estimated funding for the year 2025 amounting to the following amounts for a total of 1,098,800 euros:

PROGRAMME	YEAR 2025
1.- IDIVAL "Support" Programme	465.400 €
2.- "Next-Val" Programme	150.000 €
3.- "Inn-Val" Programme	150.000 €
4.- Intensification Programme	240.000 €
5.- "Prim-Val" Programme	23.400 €
6- "Dtec-Val" Programme	30.000 €
7- "In-plant" Programme	20.000 €
8- "Mentoring" Programme	20.000 €

2.2. In addition to the programmes convened by this Resolution, the IDIVAL research budget for 2025 will support the following expenses:

a) Annuities of pre-doctoral contracts awarded in previous years.
b) Co-financed calls for proposals.
c) Contribution for the operation of "Cohorte Cantabria" for an amount of 500.000 €.
d) Training contracts for support staff in the areas of management and technological services.

The overall budget foreseen for all of these actions, including the ones called for here, will be 2,081,651 €.

2.3. IDIVAL may also call for other programmes involving specific funding, especially if they are supported by ad hoc public-private cooperation agreements.

2.4. The eight programmes to boost biosanitary research called through this resolution may be co-financed with ERDF funds.

2.5. In the event of surplus funding in any of the programmes called for in this resolution, the funding earmarked for any of the other programmes may be increased.

3. DEADLINES FOR SUBMISSION OF APPLICATIONS

The deadlines for submission of applications for the different programmes are as follows:

1. "Support IDIVAL" programme: from 20 January to 1 February 2025.
2. Support for Emerging Researchers Programme "Next-Val": 15 February to 15 March 2025.
3. Inn-Val" Innovation Support Programme: from 15 March to 15 April 2021.
4. Researcher Intensification Programme: in modality A, from 15 March to 15 April 2025; in modality B or self-intensification, at least two months before the start of the self-intensification.
5. Primary Care Support Programme "Prim-Val": from 15 April to 15 May 2025.
6. Support programme for technological development "Dtec-Val": from 15 April to 15 May 2025.
7. Inplant" Implementation Programme: the call will be permanently open.
8. Mentoring Programme: during the second year of specialised health training.

4. FORM OF SUBMISSION OF APPLICATIONS

4.1. All applications will be submitted through the IDIVAL telematic platform, which is publicly accessible through its website: www.idival.org.

4.2. The documentation shall be submitted exclusively in the standardised models specially designed for this purpose, which will be available on the same platform.

5. EVALUATION COMMISSIONS

5.1. The members of the commissions will be subject to the rules of abstention and recusal provided for in Law 40/2015, of 2 October, on the Legal Regime of the Public Sector.

5.2. The composition of the evaluation commissions shall be in accordance with what is described in this respect in each programme. In the case of the evaluation committees, they may be advised by external researchers of recognised prestige, including members of the IDIVAL External Scientific Council, as well as external scientific evaluation agencies, for the evaluation of technical aspects.

6. RESOLUTION OF CALLS FOR PROPOSALS

6.1. Calls shall be resolved by the IDIVAL Director of Management and their resolution shall be published on the IDIVAL platform. Calls may be declared void.

6.2. Unless expressly stated otherwise in the terms and conditions of the programme or in its resolution, the date of the final award decision shall mark the start of the projects awarded.

7. GENERAL OBLIGATIONS OF APPLICANTS FOR SELECTED PROJECTS

Participation in this call for proposals implies acceptance of its terms and conditions and consent to the use of personal data necessary for the proper resolution and execution of this call for proposals. Furthermore, the applicants of the selected projects are obliged to comply with the following conditions:

a) Execute the project in the established manner and within the established deadlines, informing IDIVAL of any incident that may affect its execution.
b) To submit to IDIVAL's verification activities, providing all the information required.
c) In the description of the author's affiliation in the publications, the affiliation to IDIVAL must be specified, where applicable. In addition, all publications and communications funded by these programmes must include a reference to IDIVAL as the funding body.
d) Sign the industrial and intellectual property transfer agreements and the confidentiality commitment that, where applicable, may be required of them in accordance with the IDIVAL protocols. If any patent or economic benefit is derived, these will belong to IDIVAL and other institutions whose researchers participate in the projects, in accordance with the applicable regulations.
e) Accept the rules for the development of IDIVAL research projects, as well as the rules for the transfer of personal data, both for inclusion in the IDIVAL archives and for publication on the website.
f) Provide information to IDIVAL management on the progress of the project when requested to do so.
g) Attend all meetings and results monitoring presentations convened by the IDIVAL management, even when the programme has ended.
h) Submit the reports required for each programme, which may be considered for the purposes of possible new applications.

8. REQUIREMENTS

All applications submitted to the programmes referred to in these rules must comply with the legislation in force and specifically respect the Declaration of Helsinki, insofar as they are applicable to their purpose.

When the research involves human subjects, the projects must have all the reports and authorisations of the Medicines Research Ethics Committee (CEIm) and of any other collegiate bodies responsible for ensuring compliance with the existing agreements and

regulations on research. Likewise, in the case of clinical trials, authorisation will be required from the Spanish Agency for Medicines and Health Products (Agencia Española de Medicamentos y Productos Sanitarios). Similarly, in the case of experiments on animals, the pertinent permits from the Research Bioethics Committee of the University of Cantabria will be required. The aforementioned documentation shall be submitted once the project has been granted.

When expressly provided for in each programme, in the case of participation as collaborating researchers by staff from the University of Cantabria who do not belong to IDIVAL groups, the authorisation of the Vice-Rector for Research of the University of Cantabria will be required.

The same project may not be submitted to different programmes of this call.

Compliance with the specific requirements of each of the programmes called will refer to the date on which the deadline for applications expires.

9. ELIGIBLE CONCEPTS

Funding dedicated to the development of research projects without a specific expenditure item predefined in the respective programme may be used for the hiring of personnel for the implementation of the research project, the purchase of consumables, the purchase of inventoriable equipment, maintenance costs, the contracting of services to third parties, travel of third parties and compensation for service (compensation for accommodation, travel and subsistence expenses). Training is eligible only if it is in the field of research.

In the case of recruitment of staff under the selected projects, the total gross remuneration on an annual basis and 14 payments will be as follows:

Title/Title required	**Gross remuneration**
"PRIVAL A" (graduate in compulsory secondary education or equivalent)	15.876,00 €
"PRIVAL B" (baccalaureate or vocational training diploma or equivalent)	15.876,00 €
"PRIVAL C" (diploma of vocational training specialist or equivalent)	18.476,56 €
"PRIVAL 1" (first-cycle university degree: bachelor's degree or equivalent)	22.081,74 €
"PRIVAL 2" (second-cycle university degree: Official Master's Degree or equivalent)	26.588,22 €

"PRIVAL 3" (third cycle university degree: Doctorate or equivalent)	31.545,35 €
"PRIVAL 4" (Specialist degree in Health Sciences)	43.852,23 €

The provisions of the preceding paragraph are without prejudice to the applicability, under the terms established therein, of the basic State rules on remuneration for the year 2025.

10. FOLLOW-UP

Within the first 2 months of its completion, the IDIVAL management shall be informed in writing, by means of a report, of the progress of the research project, using the specific formats created for this purpose.

The IDIVAL management may propose the principal investigator of each project to present the results in person for monitoring at any time during the development of the project, which may be public. This presentation will include a description of the scientific and technical activity carried out, duly demonstrated.

The final evaluation of a project may be taken into account in the evaluation of the principal investigator applicant in subsequent calls for proposals for programmes to stimulate bio-health research.

Extensions in the execution of the project, duly justified, may be accepted for a maximum total duration equal to that of the project originally granted. In any case, the execution period will be understood to be suspended during periods of temporary incapacity, breastfeeding or risk of pregnancy or risk of pregnancy of the Principal Investigator.

TITLE II.- SPECIFIC BASES OF THE PROGRAMMES

11. SUPPORT IDIVAL" PROGRAMME

11.1. Purpose

The IDIVAL research groups constitute the core of biomedical research in the health sector in Cantabria. These groups centralise scientific production and the obtaining of funds through public competitive grants and private funding through contracts, agreements and donations, dedicating these resources to the development of research and innovation projects. The main measurable products of their activity are fundamentally the funds obtained for research, publications and patents.

The production obtained through the activity of the groups must be recognised and supported by IDIVAL. The objective of this action is precisely the recognition of the activity carried out by each research group, through the granting of funding linked to production, and the promotion of this production with an additional economic resource, complementary to other aid and which will cover, among other purposes, general operating expenses.

11.2. Requirements for applicant research groups

Research groups that, in accordance with IDIVAL's Statutes and Regulations on organisation and operation, form part of IDIVAL, in any of the defined categories and that manage all their projects through IDIVAL, may participate in this programme.

To access this programme, at least 60% of the indexed publications of the researcher responsible for the applicant group in the period under evaluation, i.e. 2024, must include IDIVAL affiliation.

11.3. Documentation required

The groups must submit their annual activity report by the established deadlines, which will be the basis for the calculation of the funding per group. The presentation of the report in time and on time is essential for the awarding of funding. The information referred to in each of the sections of the form available on the IDIVAL platform must be provided. The information on scientific production (articles, projects and doctoral theses) and funding to be provided will only be that which is not correctly reflected on the IDIVAL website at the time of the opening of the application period.

11.4. Calculation of funding

The calculation of the funding will be based on the production of each Group throughout the year 2024 and will take into account aspects such as scientific production, the funding obtained by the Group and managed by the Institute and its transfer activity, prioritising training and attracting talent and internationalisation.
The calculation of funding will require the submission of the Group's annual report by the established deadline and IDIVAL's affiliation reflected in the items accounted for.

If a group fails to submit a report, its share will be distributed among the remaining groups in accordance with the established criteria. The calculation of the allocation to each group will be made on the basis of the following criteria:

100 x (nºD1x30+ nºQ1x5+ nºQ2)* (nº= number of publications with first or

last author or corresponding author of the group already published in the year 2024 with assigned volume and page number) with IDIVAL affiliation of one of the authors. This includes works in which the position of first or last author or corresponding author is shared. Collaborations and articles without IDIVAL affiliation are not included in the calculation.

+

20 x (nºD1x30+ nºQ1x5+ nºQ2)* (nº= number of publications with first or last author or author of correspondence of the group not belonging to the group already published in the year 2023 with assigned volume and page number) with IDIVAL affiliation of any of the authors. Collaborations and articles without IDIVAL affiliation are not included in the calculation.

+

0.01 x (external funding in euros granted in the year managed through IDIVAL). Calculated on the basis of the total amount of projects, including multiannual projects, awarded in 2024.

+

500 x (number of doctoral theses that have been supervised or carried out by one of the members of the group). In the case of participation of more than 1 group in the thesis, the amount will be divided by the number of groups involved.

+

500 x (recognised membership as group leader in RETICS or CIBER or official international scientific networks).

+

4,000 x each researcher in the Group who has for the first time a National Plan project as principal investigator or co-principal investigator in 2024 managed by IDIVAL.

+

2,000 x (number of new patent applications managed by IDIVAL during the year 2024, excluding PCTs derived from Spanish applications).

+

4,000 x number of patents managed and licensed by IDIVAL during the year 2024.

+

4,000 x for each competitive project at European level managed by IDIVAL. Projects with no financial content will not be counted for this purpose.

+

2,000 fixed per Group.

*D1 publications in the first decile, Q1 publications in the first quartile factor excluding those in the first decile, Q2 publications in the second quartile,

impact factor or corresponding applicable category.

For these purposes, the Resolution of 9 December 2024 of the National Commission for the Evaluation of Research Activity (BOE of 19 December 2024) will be taken into account.

In the case of publications in the form of articles, the impact factor of the journal will be assessed by reference to the Journal Citation Report (JCR) for health sciences or the Scimago Journal Ranking (SJR) for social sciences.

In the case of publications with ISBN in the form of books or book chapters, the impact factor of the publisher will be assessed according to the Book Citation Index in Web of Science for health sciences or Scholarly Publishers Indicators (SPI) for social sciences.

Only publications in which the affiliation contains a reference to IDIVAL will be taken into account for this purpose.

The final value shall be translated into euro and corrected (excluding the fixed value per group) by a coefficient so that the final total is in line with the programme budget.

11.5. Execution of funding

Once funding has been granted, a purse will be generated, the amount of which will be executed according to the guidelines of the researcher responsible for each research group and in accordance with the IDIVAL project management instructions. The amount must be executed before 31 December 2026.

12. SUPPORT PROGRAMME FOR EMERGING RESEARCHERS "NEXT-VAL".

12.1. Aim

The specific and priority objective of this call for Next-Val research projects is to promote the development of translational research projects in the biosanitary environment of Cantabria, led by emerging principal investigators who have never accessed competitive access grants as such.

12.2. Requirements

12.2.1. Principal Investigator requirements

In order to participate, it will be necessary to have a principal investigator, who has an

employment, civil servant or statutory relationship with the Public Health System of Cantabria or with the University of Cantabria as a lecturer linked to healthcare activity.

In accordance with the emerging researcher criterion of the Strategic Action in Health of the Instituto de Salud Carlos III, principal investigators must not be older than 45 years and must not have ever received funding as principal investigator in a project obtained through a national or international competitive call for proposals.

Anyone who has already been awarded as principal investigator of a project obtained through a call for competitive grants, national or international, or in the IDIVAL Next-Val, Prim-Val, or Inn-Val calls for proposals may not apply as principal investigator. Specialists in training are excluded. The principal investigator must hold a doctoral degree at the time of submission of the application.

To be a principal investigator in this call it is essential that at least 60% of your indexed publications in the last 3 years reflect IDIVAL affiliation.

Only one principal investigator will be allowed to participate in an application for a research project under this call.

The researcher or researchers responsible for the scientific and technical execution of the projects or principal investigator must have a formal employment, civil servant or statutory relationship with the institution in which they carry out their professional work throughout the period of the project submitted to this call. The loss of this link during the development of the project will imply an exit from the project and the necessary proposal and acceptance by the management of IDIVAL of a replacement researcher or, failing this, the early termination of the project.

12.2.2. Requirements of the investigating team

The research team will be made up of at least three people, including the principal investigator. For the development of the project, outside the local research team, collaborators with employment links with other institutions in the public or private, national or international field may be included, whose curriculum vitae and authorisation from the head of the institution to participate in the project must also be provided. At least half of the research team must belong to the Public Health System of Cantabria. Specialists in training may be members of the research team.

Collaborating researchers may not participate in more than two active projects of Next-Val programmes of different annuities.

12.2.3. Other requirements

Studies conducted in clinical settings must have written authorisation from the site management and the head of the main unit or service to be provided at the time of application.

Participation in this project does not imply incompatibility with other IDIVAL calls, except those mentioned above.

12.3. Duration and implementation of projects

NEXT-VAL research projects will have a duration of two years. The maximum amount to be awarded per project is €25,000. The funding awarded may finance all or part of the project for which the grant is requested. The maximum allowable travel expenditure for the implementation of each project will be €3,000.

12.4. Required Documentation

The application shall be made using the standard form available on the support programmes platform, which can be accessed via the IDIVAL website. The following documents must be submitted with the application:

a) CV of each of the members of the research team in official CVA format, including the abbreviated FECYT model.

b) Report of the research project including: structured summary, background and current status of the topic, bibliography, objectives, hypotheses, methodology and work plan, resources available for carrying out the project, applicability and usefulness of the foreseeable results, experience of the research staff on the topic, detailed justification of the funding requested and budget.

c) In the event of support for the development of the project by an IDIVAL group, this must be expressly reflected in the report with a document included in the report endorsed by the head of the IDIVAL Group or Researcher member of the Group with a minimum of 2 competitive projects approved in the National R&D Plan D.

12.5. Evaluation Commission

An Evaluation Commission shall be set up, the members of which shall be:

a) The Scientific Director of IDIVAL, who shall act as chairman.

b) The IDIVAL Management Director, who, in addition to being a member, will act as secretary, with voice and vote.
c) At least one independent external expert.

12.6. Evaluation of the projects

The following aspects will be specifically considered for the assessment:

(a) *Assessment of the research team.*

Up to a maximum of 30 points will be awarded for: the scientific-technical background of the principal investigator (the CVs of the senior researchers in the group will not be assessed); previous results obtained in the field of the proposal and the complementarity of the team, with special emphasis on the profile of the principal investigator. The participation of residents from the mentoring programme or post-MIR contracts in the research team will be particularly valued, as will the principal investigator's membership of Primary Care or Nursing or other areas under-represented in IDIVAL's research. The composition of the research team by personnel under 46 years of age will be positively valued.

b) Project appraisal.

Up to a maximum of 70 points: quality, translational interest, applicability of the project, capacity of the project to generate improvements in the knowledge of the bases of pathogenesis, prevention, diagnosis, treatment of diseases, patient safety. Alignment with the needs and interests of the Public Health System of Cantabria and potential socio-economic impact of the project. Those studies developed on patients will be especially valued. The potential of the project for the principal investigator to acquire a "senior" capacity and to be able to compete in future national and/or international projects will be taken into account. The aim is that obtaining a Next-Val grant is part of the training of research personnel in the biosanitary environment, as a continuation of the Mentoring programme and the Post-MIR contracts, until they become independent researchers capable of obtaining national and international competitive funding.

12.7. Follow-up

A follow-up report must be submitted within 2 months of completion and may be considered for possible new applications.

13. INN-VAL" INNOVATION SUPPORT PROGRAMME

13.1. Purpose

The aim of this programme is to promote innovation in general and specifically intra-entrepreneurship in the IDIVAL environment, through partial or full funding of innovation projects that facilitate collaboration between the health sector, the university environment and companies.

13.2. Requirements

13.2.1. Project requirements.

In general, newly developed projects that show potential for transfer to the National Health System will be considered. Projects may also be partially developed in universities and companies. The scope may include any topic related to innovation in health systems.

Innovation projects must be developed mainly in the public health sector in Cantabria and must be aimed at innovation and development in the health sector.

13.2.2. Principal investigator requirements.

The project will have a principal investigator who will have an employment relationship with IDIVAL, with the Public Health System of Cantabria, or with the University of Cantabria as a lecturer with a healthcare activity or, failing that, as staff of an IDIVAL research group. Specialists in training are excluded.

The principal researcher must maintain his/her link with one of the aforementioned institutions throughout the duration of the project. The loss of this link during the development of the project will imply an exit from the project and the necessary proposal and acceptance by IDIVAL's management of a replacement researcher or, failing this, the early termination of the project. The principal investigator may not have an active Inn-Val project at the time of the closure of the call.

To be a principal investigator in this call it is essential that at least 60% of your indexed publications in the last 3 years reflect IDIVAL affiliation.

13.2.3. Requirements for the investigating team.

The research team will be made up of at least three people, including the principal investigator. Persons from other national or international institutions may participate. The figure of the co-principal investigator is contemplated, who does not need to fulfil the requirements previously demanded for the principal investigator. A principal investigator may only participate as principal investigator in one project application under this call.

Collaborative researchers may not participate in more than three active projects of "Inn-Val" programmes of different annuities. Specialists in training may be members of the research team.

For the development of the project, apart from the local research team, collaborators from other public or private, national or international institutions may be included, whose CVs must also be provided. At least half of the research team must belong to the Public Health System of Cantabria.

13.2.3. Other requirements

Studies conducted in clinical settings must have written authorisation from the site management and the head of the main unit or service to be provided at the time of application.

13.3. Duration and implementation of projects

The duration of the projects will be 2 years. The maximum amount to be awarded per project is €25,000. The funding awarded may finance all or part of the project for which the grant is requested.

Subcontracting costs shall in no case exceed 40% of the budget of each project. Subcontracting costs of the project to companies participating in the project will not be included in the budget. The maximum admissible travel costs per project will be €3,000.

13.4. Project modalities

All projects submitted must opt for one of the following modalities. Funding will be distributed in equal parts for each of the modalities:

13.4.1. Mode A.

Development of innovative health technologies: This includes the development of medical devices, services, diagnostic tools, digital solutions, medical and/or management software or new therapies, including drugs. Projects related to ergonomics, usability and human factors are considered of particular interest.

13.4.2. Mode B

Innovation aimed at providing value that is not directly economic: this includes innovation in processes, in management and organisation, clinical validation of a health technology

and any other innovation of a similar nature.

13.5. Required documentation

The documentation required in this call for proposals is as follows:

a) Report of the research project:

It must be presented in the standard formats designed for this purpose, available on the IDIVAL website. The report must include a structured summary, background and current status of the subject, bibliography, objectives, hypotheses, methodology and timetable and work plan, resources available for carrying out the project, applicability and usefulness of the foreseeable results, experience of the research staff on the subject, capacity of the results to be protected and transferred to the market and detailed justification of the funding requested (budget). In the case of collaboration and links with companies or other public or private entities interested in the development and results of these, the description of their knowledge and experience, the definition of their role and their contribution.

b) Standard CV.

The CV of the members of the research team must be provided in official CVA format, including the abbreviated FECYT model.

c) Participation of companies.

In the case of participation of companies, a signed letter from the company's representative expressing knowledge of the project presented and interest in participating.

Declarations of interest will also be accepted from companies, institutions or scientific societies or patient groups not involved in the project.

13.6. Evaluation procedure

13.6.1. Assessment of the research team.

Up to a maximum of 30 points will be awarded for: scientific-technical background; previous results obtained in the field of the proposal and complementarity of the team. The co-direction of the project or the simultaneous participation of researchers from the health sector and/or IDIVAL with researchers from the technological sector of the

University of Cantabria or other institutions, and the participation of companies, institutions or scientific societies or patient groups will be positively valued.

Emerging principal investigators who, in accordance with the emerging researcher criteria of the Strategic Action in Health of the Instituto de Salud Carlos III, must be no more than forty-five years old at the date of publication of this call, as well as the leadership of the project by nursing and/or primary care personnel and other areas underrepresented in IDIVAL research, will also be highly valued.

In case of consolidated groups with previous funding in Inn-Val projects, the results obtained in relation to these projects will be assessed.

13.6.2. Project appraisal.

Up to a maximum of 70 points: quality, viability and impact defined as the capacity of the project to generate improvements in the prevention, diagnosis, treatment of diseases, patient safety, alignment with the needs and interests of the Public Health System of Cantabria and potential socio-economic impact. In the case of modality A, maturity (TRL) and the existence of industrial protection will be especially taken into consideration.

13.7. Evaluation Commission

An Evaluation Commission will be set up, the members of which will be:

a) The Scientific Director of IDIVAL, who will act as chairman.
b) The IDIVAL Management Director, who, in addition to being a member, will act as secretary, with voice and vote.
c) An expert in the field of the call external to IDIVAL.

13.8. Monitoring

A follow-up report shall be submitted within the first 2 months of its completion, which may be considered for the purposes of possible new applications.

14. RESEARCHER INTENSIFICATION PROGRAMME

14.1. Purpose

The purpose of this programme is the release of personnel with healthcare activity with a high research and/or innovation load, by means of part-time or full-time replacement of a doctor or nurse. The activity covered by this substitution includes the development of

research projects, or the implementation of healthcare innovation programmes such as new diagnostic or therapeutic techniques, the implementation of technological platforms (computer programmes, new infrastructures), new procedures, technology imports, new training techniques, development of companies linked to research (spin-offs), etc., which require intensive dedication and which are incompatible with full healthcare work.

14.2. Modalities

Modality A. Competitive intensification: financed by this programme.
Modality B. Self-intensification: financed by private funds provided by the researchers.

14.3. Beneficiaries

Applicants to this programme must be health professionals, doctors or nurses of the Public Health System of Cantabria, who do not have simultaneous active intensifications of other programmes, which includes primary care and hospital settings.

Modality A of this programme shall be financed from the specific budget of this programme for the year 2025.

To be a beneficiary of this call it is essential that at least 60% of their indexed publications in the last 3 years reflect the IDIVAL affiliation. Heads of Service are excluded from this call.

14.4. Financial envelope and development dates

14.4.1. Modality A.

A maximum equivalent financial contribution is established for the replacement of the intensified of 60,000€ per specialist doctor and 30,000 € per nurse corresponding to a recruitment of a specialist doctor or nurse for a period of approximately 1 year.
The Intensification period must start in 2025 or 2026. Intensifications may be applied for a maximum of two consecutive calls.

14.4.2. Modality B.

In this modality, the cost of their replacement will be provided by private funds from researchers at the institute, which must be available in full at the time of application, for a monthly amount corresponding to the replacement contract of the care staff requested. The minimum intensification period is 1 month, and the maximum is 1 year, extendable.

The development of this programme is compatible with the receipt of their salary, the performance of on-call duty and with allowances. Your care activity will be covered in whole or in part by a contracted professional.

The financial contribution will be transferred for the generation of credit in a specific item dedicated to intensifications in Chapter I of the Cantabrian Health Service's expenditure budget, which will be used for the replacement of the intensified staff. The exact duration of the intensification period corresponding to the contribution reflected in the resolution will be calculated according to the recruitment costs.

14.5. Documentation required

The application shall be made through the IDIVAL platform using the standard form available on the website. The following documents are required:

14.5.1. Curriculum Vitae of the applicant.

In CVA format, including the abbreviated FECYT model detailing the scientific publications, as well as the research projects funded in competitive calls, patents and innovation projects in which you have participated.

14.5.2. Report on the activity to be carried out during the intensification period.

Detailing duration, research or innovation work to be carried out, including research or innovation work, and care work that justifies the intensification, indicating whether or not both are intended to be carried out at the same time. Description of the articulation in the environment in which it is developed, potential collaborators, available resources. Timetable including proposed start and end dates, expected results and impact on patients, service, institution and society. The period of intensification must be specified.

14.5.3. Favourable reports.

From the head/coordinator of the Service/unit, and from the manager or medical director, or from the nursing management when the application is for nursing staff, specifying the interest of the intensification for the Public Health System of Cantabria and the suitability of the applicant to carry it out. In the event that the planned activity refers to healthcare innovation projects, it will be necessary for these reports to specify their clear interest and viability. In the case of associated university lecturers, a favourable report from the director of the University Department will be required.

14.5.4. Financial availability report.

In the case of modality B (self-intensification), the report of the activity to be developed (point 16.5.2.) must indicate the origin of the funds, the amount foreseen for the development of the programme and, in case the person responsible for these funds is different from the person applying for the intensification, a written authorisation for their use by the person responsible for these funds.
The application for an extension of the intensification of modality B shall include the documents of points 16.5.2, 16.5.3 and 16.5.4.

14.6. Assessment of applications

Applications submitted to modality A of the programme will be externally assessed, taking into account at least the following aspects:

14.6.1. Research career.

Active research and innovation projects and especially international projects (special consideration will be given to production and projects obtained in the last four years). Maximum 20 points.

14.6.2. Quality of the project to be developed.

Adequate description of the state of the art, articulation in the environment in which it is developed, potential collaborators, timetable, expected results and impact on the institution and society. Maximum 40 points.

14.6.3. Strategic interest of the intensification.

This will be assessed by means of a report from the Centre's director-manager and the assessment of the head/coordinator of the Service. Membership of an IDIVAL group will be considered as an element of guarantee for the correct execution of the Intensification. Maximum 40 points.

Priority will be given to candidates who have not benefited from previous IDIVAL intensifications. Only one application per research group may be submitted in modality A. Only one application may be submitted per IDIVAL research group in any of its modalities.

Applications submitted for modality B (self-intensification) will be evaluated by the scientific management of IDIVAL.

14.7. Evaluation committee

For the evaluation of the applications for the intensification of modality A, an Evaluation Commission will be set up, the members of which will be:

a) The Scientific Director of IDIVAL, who will act as chairman. b) The Director of Management of IDIVAL.
c) A researcher appointed by the Scientific Director of IDIVAL.
d) The training coordinator of the Hospital Universitario Marqués de Valdecilla.

14.8. Follow-up

A follow-up report must be submitted within 2 months after its completion and may be considered for possible new applications.

An intensification may be extended upon written request at least 1 month in advance of the planned end date with identification of the funds to which the expenditure generated will be allocated.

15. PRIMARY CARE SUPPORT PROGRAMME "PRIM-VAL".

15.1. Purpose

The aim of this programme is to promote IDIVAL's research and innovation in primary care, through partial or full funding of projects developed in this field.

15.2. Requirements

15.2.1. Project requirements.

In general, research and innovation projects on topics related to the field of primary care, preferably patient care, chronic diseases and highly prevalent diseases will be considered.

The projects must be developed mainly in the public health environment in Cantabria and must be aimed at research and innovation and development in the health field.

15.2.2. Principal investigator requirements.

The project will have a principal investigator who must be a professional working in the Public Health System of Cantabria, which includes IDIVAL itself. Specialists in training are excluded.

To be a principal investigator in this call it is essential that at least 60% of your indexed publications in the last 3 years reflect IDIVAL affiliation.

The principal researcher must maintain his/her employment relationship throughout the duration of the project. The loss of this link during the development of the project will imply an exit from the project and the necessary proposal and acceptance by IDIVAL's management of a replacement researcher or, failing this, the early termination of the project.

15.2.3. Requirements for the research team.

The research team shall consist of at least three persons, including the principal investigator,

At least 50% of the research team must be made up of primary care professionals from the public health system of Cantabria and may include people from other national or international institutions. The figure of the Co-Principal Investigator is contemplated, who does not need to fulfil the requirements previously demanded for the Principal Investigator. Only one principal investigator will be allowed to participate in an application in this call.

For the development of the project, in addition to the local research team, collaborators from other public or private, national or international institutions may be included, whose CVs must also be provided. At least half of the research team must belong to the Public Health System of Cantabria.

15.3. Financing and duration

The maximum amount to be awarded per project is €10,000. The duration of the projects will be 2 years, extendable. The funding awarded may finance all or part of the project for which the grant is requested.

Subcontracting costs shall in no case exceed 40% of the budget of each project. Subcontracting costs of the project to companies participating in the project will not be included in the budget.

The maximum eligible travel expenditure per project is €2,000.

15.4. Documentation required

The documentation required for this call for proposals is as follows:

15.4.1. *Research project report.*

The report must include a structured summary, background and current status of the topic, bibliography, objectives, hypotheses, methodology and timetable and work plan, resources available for carrying out the project, applicability and usefulness of the foreseeable results, experience of the research staff on the topic, capacity of the results to be protected and transferred to the market and detailed justification of the funding requested (budget). It must be presented in the standard formats designed for this purpose. In the case of collaboration and links with companies or other public or private entities interested in the development and results of the same, the description of their knowledge and experience, the definition of their role and their contribution.

15.4.2. Standard curriculum.

In official CVA format, including the abbreviated FECYT model, of the members of the research team. Declarations of interest from companies, institutions or scientific societies or patient groups not involved in the project will also be accepted as part of the documentation.

15.5. Evaluation

15.5.1. Assessment of the research team.

Up to a maximum of 30 points will be given to: scientific-technical background, previous results obtained in the field of the proposal and complementarity of the team. The fact that the principal investigator or co-principal investigator is a primary care professional will be given priority in the evaluation. Young principal investigators (under 40 years of age at the closing date of the call) will also be positively evaluated.

15.5.2. Project appraisal

Up to a maximum of 70 points will be awarded for: quality, feasibility, relevance, interest, capacity of the project to generate improvements in the prevention, diagnosis, treatment of diseases, patient safety, alignment with the needs and interests of the Public Health System of Cantabria and potential socio-economic impact. Priority will be given to new projects that have no previous funding.

15.6. Evaluation Committee

An Evaluation Commission shall be set up, the members of which shall be:

a) The Scientific Director of IDIVAL, who shall act as chairman.
b) The IDIVAL Management Director who, in addition to being a member, will act as secretary, with voice and vote.
c) A researcher from outside IDIVAL appointed by the Scientific Director of IDIVAL.

15.7. Monitoring

A follow-up report must be submitted within 2 months after its completion and may be considered for possible new applications.

16. SUPPORT PROGRAMME FOR THE DEVELOPMENT OF HEALTH TECHNOLOGIES "DTEC-VAL".

16.1. Purpose of the programme

The aim of the DTEC-VAL health technology development programme is to promote innovation in general and specifically to support the development of health technologies in our environment through partial or full funding of advanced stage innovation projects that facilitate the collaboration of the health sector, the university environment and companies.

16.2. Requirements

In general, newly developed projects showing potential for transfer to the National Health System will be considered eligible. Projects may also be partially developed at university and in companies. The thematic scope includes the areas of Biomedicine, Electromedicine, Pharmaceutical Technologies, Health Technologies and Sciences, as well as Biotechnology, Chemical Technology and Materials applied to human health and Information and Communication Technologies applied to health and health, as well as any others related to innovation in health systems.

Innovation projects must be developed mainly in the public health sector in Cantabria and must be aimed at innovation and development in the health sector.
The project will have to have a previous protected development or in the protection phase in which an institution of the Public Health System of Cantabria participates in at least 50%, in phase TRL 3 or higher.

A prior assessment report from the Innovation Support Unit will be required to endorse the development status of the project and the industrial protection status.

Studies conducted in clinical settings must have written authorisation from the site management and the head of the main unit or service to be provided at the time of application.

The collaboration of companies is possible.

16.3. Required documentation

The documentation required for this call for proposals is as follows:

a) Report on the research project.

It must be presented in the standard formats designed for this purpose, available on the IDIVAL website. The report must include a structured summary, background and current status of the subject, bibliography, objectives, hypotheses, methodology and timetable and work plan, resources available for carrying out the project, applicability and usefulness of the foreseeable results, experience of the research staff on the subject, capacity of the results to be protected and transferred to the market and detailed justification of the funding requested (budget). In the case of collaboration and links with companies or other public or private entities interested in the development and results of these, the description of their knowledge and experience, the definition of their role and their contribution.

b) Standard curriculum vitae.

It must be provided in CVA format, including the abbreviated FECYT model, of the members of the research team.

c) Participation of companies.

In the case of participation of companies, a signed letter from the company's representative expressing knowledge of the project presented and interest in participating.

Declarations of interest from companies, institutions or scientific societies or patient groups not involved in the project will also be accepted.

d) Letter of acceptance from the centre.

A signed letter must be submitted from the person in charge of the centre where the study is being carried out (Director of the centre in the health sector, corresponding Vice-Rector

at the University of Cantabria) indicating the express interest in the project submitted to the call.

e) *Innovation Support Unit Report*

A report must be submitted reflecting IDIVAL's participation in the project, the maturity of the technology under development, the state of industrial protection and its TRL.

16.4. Duration and implementation of projects

The duration of the projects will be 1 year. The maximum amount to be awarded per project is €20,000. The funding awarded may finance all or part of the project for which the grant is requested.

16.5. Evaluation procedure

16.5.1. Assessment of the research team.

Up to a maximum of 20 points will be awarded for: scientific-technical background; previous results obtained in the field of the proposal and complementarity of the team. The co-direction of the project or the simultaneous participation of researchers from the health sector and/or IDIVAL with researchers from the technological sector of the University of Cantabria and the participation of companies, institutions or scientific societies or patient groups will be positively valued.

Emerging principal investigators who, in accordance with the emerging researcher criteria of the Acción Estratégica en Salud of the Instituto de Salud Carlos III, must be no more than forty-five years old at the date of publication of this call, as well as project leadership by nursing and/or primary care staff and other areas underrepresented in IDIVAL research, will also be highly valued.

In the case of consolidated groups with previous funding in Inn-Val projects, the results obtained in relation to these projects will be assessed.

16.5.2. Project appraisal.

Up to a maximum of 80 points will be awarded for: maturity, viability, relevance, interest, impact defined as the capacity of the project to generate improvements in the prevention, diagnosis, treatment of illnesses, patient safety, alignment with the needs and interests of the Public Health System of Cantabria and potential socio-economic impact.

16.6. Evaluation Commission

An Evaluation Commission will be set up, the members of which will be:

a) The Scientific Director of IDIVAL, who will act as chairman.
b) The IDIVAL Management Director, who, in addition to being a member, will act as secretary, with voice and vote.
c) An expert in the field of the call external to IDIVAL.

17. IMPLEMENTATION PROGRAMME ("IMPLANT")

17.1. Purpose

The Inplant programme, a programme for the implantation of new specialists with a recognised research career at the Marqués de Valdecilla University Hospital, is proposed as a way to facilitate the recruitment of new professionals from other centres, with a recognised research and professional career, in order to significantly increase the research mass and human resources of excellence in the Public Health System of Cantabria.

17.2. Requirements

The researcher applying for access to the programme must have an outstanding research career of at least 5 years' duration.

At the time of application, the candidate must have taken up a post in the Public Health System of Cantabria, coming from another centre, and have taken up a post as Head of Service or Section in the Public Health System of Cantabria, within the last 6 months.

17.3. Funding

IDIVAL will make available to the researcher a financial grant of 20,000 euros per year for the development of research projects, an amount which, where appropriate, may be extended for a total of 5 years, up to a maximum of 100,000 euros, under the terms set out in the Plan for each financial year.

17.4. Documentation required

During the first four months of incorporation of the new specialist, the candidate must submit the following documentation through the IDIVAL platform:

a) Explanatory letter justifying the candidate's interest in joining the Inplant programme.

b) Candidate's CV.
c) Proposal for a scientific programme to be developed over the next 5 years.

17.5. Evaluation

The evaluation of the candidacy for inclusion in the programme will be carried out by IDIVAL's External Scientific Council, which will take into account the candidate's healthcare, teaching, research and management experience, as well as the project to be developed in the first 5 years of its implementation.

Aspects such as clinical experience, research experience and high quality innovation in accordance with the standards of each of the medical and surgical specialties will be considered. *Expertise* in clinical research and transfer will also be considered very positively.

17.6. Characteristics of the programme

Entry into the programme implies automatic access to the resources indicated in the present call.

In addition, entry into the programme will involve the following aspects:

17.6.1. Provision of space.

The candidate will be provided with a laboratory space and study area, if required, and immediate access to IDIVAL's technological services.

17.6.2. Institutional presence.

The candidate will be invited periodically to the meetings of the Internal Scientific Council.

17.7. Monitoring and completion of the programme

The Inplant programme will have a maximum duration for the execution of the available funds of 5 years. Should the beneficiary leave the centre, the remaining funding will be withdrawn.

The selected researcher must submit an annual activity report in the last two months of each year. In case of acquiring the position of Group leader, the annual report of the Group will be sufficient for the monitoring of the grant.

The researcher must indicate IDIVAL funding in all his/her scientific and innovative activity

(publications, conferences, congresses, etc.) and in the affiliation of these activities.

18. MENTORING PROGRAMME

18.1. Purpose

The mentoring programme for residents is conceived as a mechanism for attracting new clinical professionals in training, young people with special interest and who seek excellence, and as a way to provide personalised and excellent specialised health training that prioritises research.

18.2. Candidate requirements

The candidate must be a resident of the Public Health System of Cantabria in the programmes of the National Health System - MIR, FIR, QIR, PIR, RIR or BIR, and have completed the first two years of training with a grade of excellent in the annual report of the Teaching Commission of the corresponding centre. The Head of Service or equivalent figure must accept the Resident's participation in this programme.

18.3. Funding

From the third year onwards, the candidate will have a grant of 5,000 euros for the development of research activities which will be managed according to IDIVAL's project management rules.

18.4. Characteristics of the programme

The mentoring programme will begin in the third year of residency and will include the following elements:

18.4.1. Training itinerary.

From the third year of residency, the scientific management of IDIVAL, together with the Training Coordinator of the corresponding Centre and in agreement with the Head of Department or head of the speciality, will propose specific training in research which may include specific rotations within and outside the Centre. This includes attendance at research seminars, doctoral programmes, etc.

18.4.2. Institutional presence.

The candidate will be invited to meetings of advisory bodies in the field of teaching and research as part of his/her training.

18.4.3. Doctoral thesis.

IDIVAL will facilitate the start of their doctoral thesis work during the residency of the selected candidates. The funding granted may be used specifically for expenses related to doctoral studies and the completion of the doctoral thesis.

18.4.4. Access to other programmes.

The candidate will have access to other IDIVAL programmes such as the NEXT-VAL or Post-Residency programmes, which will be compatible with the mentoring programme. The Mentoring programme is considered to be the start of the research career of a specialist in training.

18.5. Documentation required

The candidate must submit the following documentation through the IDIVAL platform:

a) Written statement indicating interest in joining the mentoring programme, explaining the candidate's reasons for joining.
b) Letter from the Head of Service supporting the candidate in joining the programme.
c) Curriculum vitae of the candidate in CVA format.
d) Curriculum vitae of the tutor in CVA format.
d) Evaluation of the first year by the centre's Teaching Committee.
e) Research and training project to be developed

18.6. Evaluation

The applications submitted will be externally evaluated, taking into account at least the following aspects:

18.6.1. Quality of the project to be developed.

Adequate description of the state of the art, articulation in the environment in which it is developed, potential collaborators, timetable, expected results and impact on the institution and on Society. Maximum 50 points.

18.6.2. Curriculum of the tutor.

Aspects such as clinical experience, research experience, and high quality innovation in accordance with the standards of each of the medical and surgical specialities will be considered. Previous tutoring experience in research projects (direction of post-MIR

contracts, direction of doctoral theses), experience in clinical research and the applied results of their research projects will also be considered very positively. Maximum 30 points.

18.6.3. Curriculum vitae of the candidate.

Previous research activity, suitability of the candidate for the project. Maximum 20 points.

Santander, as of the date of electronic signature
The Chairman of the Board of Trustees,
César Pascual Fernández