

# Announcement of New Basic Research Projects for the First Half of 2024 by the Ministry of Science and ICT

The Ministry of Science and ICT announces the plan of selection and support for new basic research projects in the first half of 2024 as follows.

December 29, 2023

<Competent Ministry> Minister of the Ministry of Science and ICT Jong-Ho Lee  
 <Specialized Organization> President of the National Research Foundation of Korea Kwangbok Lee

## 1. Overview of Program

### Program Objective

- Contribution to the expansion of future capabilities of science and technology by strengthening creative and challenging basic research and by fostering outstanding researchers.

### Application Procedure: Free application

### Support Plan

#### Individual Research

Program		Program Objectives and Descriptions	Eligible Individuals	Research Period	Research Funds
Global Leader Grants		To provide focused support for the world-class level researchers to conduct in-depth studies for the development of novel scientific achievements and new technologies for the future.	Faculty members (Tenure track, non-tenure track also known as full-time/non-full-time) in the fields of science and engineering at colleges or universities, and researchers at National (public), government-funded or private research institutes.	9 years (3+3+3)	Around 800 million won (Within KRW 640 million in direct expenses)
Consolidator Grants	Type 1	To support individual researches with high creativity by cultivating capabilities for the outstanding basic research and by providing the platform for the individual researchers to develop leading researchers.		1~3 years 4 years (3+1) 5 years (3+2)	Around 400 million won (Within KRW 320 million in direct expenses)
	Type 2 (Global Type)	Systematically support creative research by excellent researchers to grow and leap forward as global leader researchers and create innovative results. (Aiming for global cooperation)		Around 250 million won (Within KRW 200 million in direct expenses)	
	Creative Research	Support for small research that meets the minimum required size of excellent		1~3 years	Around 70 million won (Within KRW 56 million in direct expenses)

	<b>Type</b>	researchers in a variety of fields.				
<b>Young Scientist Grants</b>	<b>Hanwoomul-Phagi Basic Research</b>	To support outstanding young researchers to continuously conduct challenging research in one area for a long period of time to create world-class research outcomes.	Within 15 years after obtaining a final doctoral degree, Faculty members (Tenure track, non-tenure track also known as full-time/non-full-time) in the fields of science and engineering at colleges or universities, and researchers at National (public), government-funded or private research institutes.	10 years (5+5)	Around 200 million won (Within 160 million in direct cost)	
	<b>Outstanding Young Scientist Grants<sup>note1)</sup></b>	To foster excellent researchers by inspiring new researchers' creative research motivation and maximizing research capabilities.	Within 7 years after obtaining a final doctoral degree, or under the age of 39 <sup>note2)</sup> . Working at university in the fields of science and engineering (full-time), or national (public), government-funded or private research institutes, Full-time faculty members or full time researchers.	1~3 years 4 years (3+1) 5 years (3+2)	Around 250 million won (Within KRW 200 million in direct expenses)	
	<b>Sejong Science Fellowship</b>	<b>General Track</b>	To promote young scientists including post-doctoral fellows to conduct their own research that they want to focus through this fellowship, thereby developing and establishing themselves as capable researchers in the core science and engineering fields.	Within 7 years after obtaining a final doctoral degree, or under the age of 39.	Researchers who are not full-time faculty members in the fields of science and engineering at colleges or universities, or who are non-regular researchers at national (public), government-funded or private research institutes ※ Foreign nationals cannot apply.	5 years (2+3)
		<b>Overseas Training Track</b>	To support overseas training for outstanding postdoctoral researchers to develop into key players in the fields of national strategic technology* and therefore to serve as a foundation securing national competitiveness. *① Semiconductor-display, ② Secondary battery, ③ State-of-the-art mobility, ④ Next-generation nuclear power ⑤ Advanced biology, ⑥ Aerospace-Marine, ⑦ Hydrogen, ⑧ Cyber security, ⑨ Artificial intelligence, ⑩ Next-generation communication,	Among the domestic doctoral degree holders, within 7 years after obtaining a final doctoral degree, or under the age of 39.		1 years
					Around 130 million won (Within KRW 100 million in direct expenses)	
					Around 70 million won (Indirect cost of flat support for labor costs, 5% separately)	

		① State-of-the-art robot-manufacturing, ② quantum			
	<b>Starting Grants</b>	To encourage new researchers with research capabilities to expand research opportunities and to establish themselves as an early stage of researcher.	Full-time faculty members in the fields of science and engineering at a university who have not received grant awards from independent basic research project, and within 7 years of obtaining a final doctoral degrees or under 39 years of age <sup>note2)</sup> .	1 year	100 million won per year
	<b>Global Matching Type</b>	Support for international joint research projects through joint budget support (bilateral) with advanced countries of basic research sharing values	Apply separately depending on partner organization	3 years at maximum	200 million won per year

\* Additional support of up to 50 million won for global cooperation (Middle-sized type 1 and excellent new research global cooperation projects will be selected at around 20% of the total number of selected projects)

※ Individual research secondary research type creative research type and global matching type will be announced separately

○ **Group research**

Program		Program Objectives and Descriptions	Eligible Individuals	Annual research fund budget	Research period (maximum)
Centers of Research Excellence	<b>Scientific Field (SRC)</b>	To foster outstanding research groups in the field of science, strengthening national basic research capacity including the development of new theories, solution of scientific challenges and others.	Group of the researchers (around 10 researchers) from the university with graduate school in the science and engineering fields	Within 1.56 billion won per year <sup>note 1</sup>	7 years (4+3)
	<b>Engineering Field (ERC)</b>	To produce basic research outcomes that enable to transfer basic research to the applied research, and to serve as a founding base for the industry-academia cooperation within		Within 2.0 billion won	within 7 years (arbitrary decision)

		universities by fostering outstanding research groups in the field of engineering.			
	<b>Basic Medical Science Field (MRC)</b>	To strengthen national bio and health research capabilities by fostering research groups in the fields of medical science, dental science, traditional Korean medical science and pharmacology, and then by promoting investigation of human life phenomena and disease mechanisms, and others.	Group of the researchers (around 10 researchers) from the university with graduate school in basic medical science (medical science, dental science, traditional Korean medical science and pharmacology)	Within 1.4 billion won	7 years (4+3)
	<b>Regional Innovation Field (RLRC)</b>	To provide supports for sustainable and self-sustaining innovative growth foundations, and to strengthen regional research capabilities by fostering research groups in the area of regional innovation.	Group of the researchers (within 8 researchers) from the university with graduate school in the science and engineering fields	Within 1.5 billion won	7 years (4+3)
	<b>Innovation Research Center (IRC)</b>	To build up sustainable research capacity through fostering research groups of the field of outstanding strategic technology, to play a role in a hub for a cooperation among industry/university/research institute within the university, and to produce world-class research outcomes.	Research group from the university with graduate school in the science and engineering fields	Within 5 billion won	10 years (3+4+3)
<b>Basic Research Laboratory</b>	<b>In-depth Track</b>	To support various types of research that serve to deepen existing research by systematically fostering small-scale research groups.	Research group of 3~4 people including full-time faculty from the university of the Science and Engineering fields	Within 500 million won	3 years
	<b>Convergence Track</b>	To support research topics that require convergence research in consideration of global research trends, future values, and national scientific competitiveness enhancement.			
	<b>Pioneer Track</b>	To support the growth of competent young researchers by supporting creative and challenging research in new fields that are rarely attempted in Korea.			

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Note1) The field of Earth Science will be provided within 1.3 billion won as an annual research fund budget

※ Center of Research Excellence (the fields of mathematics and physics) and Basic Research Laboratory (the fields of physics and Engineering) will be supported by the followup support. However, other fields will not be supported with the followup supports according to the supporting system for the individual field (please refer to the application guideline for details).

SRC: Science Research Center	ERC: Engineering Research Center
MRC: Medical Research Center	IRC: Innovation Research Center
RLRC: Regional Leading Research Center	

## 2. Year 2024 New Project Funding (Proposal)

### Support plan for the individual field

- New Projects are divided into **'First New'** projects that are newly selected in 2024 and **'Follow-up New'** projects that are selected for their outstanding outcomes among the completed projects in 2024.
  - **The eligibility for New Project is limited to First New project.** For the Follow-up New projects, eligible principal investigators will be individually notified and the application will be expected to be selected after the application is submitted and reviewed.
- Research funds and the number of new tasks may vary depending on the government's budget situation

Project			The number of project selection	
Outstanding Grants	Global Leader Grants		Appx. 12 projects ( including 3 follow-ups)	
	Consolidator Grants	Type 1		Appx. 1,480 projects (including 226 follow-ups)
		Type 2	Global	Appx. 120 projects
	Young Scientists Grants	Hanwoomul-Phagi Basic Research		Appx. 30 projects
		Outstanding Young Scientist Grants		Appx. 759 projects
		Starting Grants		Appx. 200 projects
		Sejong Science Fellowship Grants	General Track	Appx. 330 projects
	Overseas Training Track		Appx. 190 projects	
	Global Matching Type	Germany(DFG)		Appx. 20 projects
		Swaden(SSF)		Appx. 10 projects
United Kingdom(Royal Society)		Appx. 5 projects		
Centers of Research Excellence	Scientific field (SRC)		Appx. 5 projects	
	Engineering field (ERC)		Appx. 5 projects	
	Basic medical science field (MRC)		Appx. 4 projects	
	Regional innovation leadership research center (RLRC)		Appx. 2 projects	
	Innovation Research Center (IRC)		Appx. 4 projects	
Basic research laboratory	In-depth Track		Appx. 112 projects	(including 20 follow-ups)
	Convergence Track		Appx. 10 projects	
	Pioneer Track		Appx. 33 projects	

- ※ The Leading Research Center (SRC) has 1 [Chemistry], 1 [Physics], 2 [Basic Molecular Life], and the Leading Research Center (ERC) has 1 [Chemical Engineering], 1 [Materials], and [Energy-Environment Convergence Complex] [Multidisciplinary Convergence Complex] 1, [Electrical/Electronics|Communication|Computer Software] 1 will be supported.
- ※ The Global Leading Research Center for Global Leadership Research pays nine months of research expenses for the first year, 12 months for the first and third years of the Global Basic Research Center, and 9 months for the second year.
- ※ Starting Grants can also apply for infrastructure support for new researchers, but beneficiaries are limited to less than 50% of the total number of selected projects.

### 3. Eligibility for application (performing) and restrictions on participation

#### Number of applications and assignments

- (Application) As a Principal Investigator for individual research or as a Principal Investigator or a Co-Investigator for group research, you may submit the application according to the following principles.
- ※ The co-investigator in individual research is waived from this principle (including the co-investigators in ongoing 2024 projects)

< First half of year >

- **(Individual research, 1st application, January of 2024)** Only one of Individual research (Global Leader, Consolidator(Type2(global type), Type1), Hanwoomul-Phagi Basic Research, Outstanding Young Scientist Grants Sejong Science Fellowship Grants (General Track, Overseas Training Track))
  - ※ However, it is possible to apply to both Global Leader Grant and Consolidator Grant at the same time.
- **(Group research, 1st application, during February of 2024)** Only one of Group research (Center of Research Excellence, Basic Research Laboratory)
- **(Individual research (Facilities equipment), during February of 2024)** Only one of Individual research (Starting Grants (creative grants, innovative grants))
  - ※ **Young Scientist Starting Grants are excluded from the application of project restrictions within basic research projects and personal research. (Possible to apply and select overlapping with group research)**
- **(Global Matching Type, Application by target country, Announcement during January~March of 2024)** Only one of Individual research (Global match type(Germany, Sweden, United Kingdom))

< **Second half of the year** >

- **(Individual research, 2rd application, June of 2024)** One of Individual research (Consolidator Grant-type 1 or Creative Research Type)
    - ※ Applicants for the subsequent generation support (domestic training after doctorate) of the Ministry of Education in the current year cannot apply for the second mid-sized individual study (type 1, creative research type)
    - ※ Applications can be made only once a year for the same type (consolidate research type 1, which is offered twice a year, can only be applied once a year)
    - ※ Researchers who select new projects for individual research cannot apply for additional projects for individual research in the current year.
  - **(Selection) Only one individual research project as a principal investigator, and/or one group research project as a principal investigator or a co-investigator will be selected among the applied research programs.**
    - **(Individual research)** Outstanding Grants(Leader Grants, Consolidator Grants, Hanwoomul-Phagi Basic Grant, Outstanding Young Scientist Grants, Sejong Science Fellowship [General/Overseas Training Track]), Broadening Opportunities Grants (General Grants, Starting Grants), balanced academic development program (supported by the Ministry of Education), support programs for academic future generations (supported by the Ministry of Education)
    - **(Group research)** Center of Research Excellence, Basic Research Laboratory, University-based Research Center (supported by the Ministry of Education)
- \* **If an applicant is selected to multiple programs simultaneously as a Principal Investigator,**

**the higher-grade program will be preferentially selected.** (Group research > Leader Grants, Leader Grants > Consolidator Grants.Hanwoomul-Phagi Basic Research. Outstanding Young Scientist Grants.Sejong Fellowship Grant. General Grants.Starting Grants, balanced academic development program supported by the Ministry of Education)

**<The number of programs for application and selection in basic research projects>**

Classification	Programs		Announcement	Application		Selection <sup>n</sup> <small>(note2)</small>	Starting Date
				Number of Application	Application Date		
Individual Research	Global Leader Grants		Dec, 2024	(Individual-1st) One <sup>note1)</sup>	Jan~Feb of 2024	Only 1 award will be selected	8.1.
	Consolidator Grants	Type 1, 2(Global)					5.1
	Young Scientist Grants	Hanwoomul-Phagi Basic Research					4.1
		Outstanding Young Scientist					
		Sejong Science Fellowship (Overseas)					
Consolidate Research	Type 1	June, 2023(Announcement for the Second half of the year)	(Individual-2nd) One	Late Jun~Early July of 2024 (Application for the Second half of the year)	9.1. (Starting the second half of the year)		
	Creative Research Type						
Group Research	Centers of Research Excellence, Basic Research Laboratory		Dec, 2024	(Group-1st) One	Middle Feb~Early March of 2025	8.1.	

Note1) It is allowed to apply to only one program as a principal investigator among Global Leader, Consolidator, and Outstanding Young Scientist. (However, it is possible to apply to both Global Leader Grants and Consolidator Grants together.)

Note2) Only one individual research program as a principal investigator and one group research program as a principal investigator or a co-investigator can be selected. (including the program supported by the Ministry of the Education).

※ The global matching type is not included in the number of applications and selection tasks for the basic research individual research project.

※ The starting grants are not included in the number of applications and selection tasks for the basic research individual research project and group research.



**<Global Matching Type: Number of application/selection projects>**

Programs			Announcement	Application		Selection	Research Start Date
				Number of Projects	Period		
Individual research	Global Matching Type	① Germany(DFG)	From Mar of 2024	Only 1 project could be applied.	To May of 2024	Only 1 award will be selected	11.1.
		② Sweden(SSF)					
		③ United Kingdom(Royal Society)	From Jan of 2024		To Feb of 2024		9.1.

※ The global matching type is excluded from the application of the limit of one task per person within basic research personal research projects.

**<Young Scientist Grants: Number of application/selection projects >**

Field	Programs		Announcement	Application		Selection	Introduction deliberation	Research Start Date
				Number of Projects	Period			
Individual Research(Facilities equipment)	Starting Grants	① Creative Grants	Dec of 2024	Only 1 project could be applied.	During Feb of 2024	Only 1 award will be selected	May of 2024	5.1.
		② Innovative Grants						

- ※ Starting Grants are excluded from the application of one-person restrictions within the basic research project (can apply and select overlapping with individual and group studies)
- ※ **(Common) Application period and research start date for each project and country may vary depending on project implementation conditions and budget.**

**□ Restriction on application and fulfillment**

- **Restriction on application for researchers applying the projects of the first half of the year**
  - **(Consolidator Grants)** The applicants who will apply Consolidator Grants Type 1 (Type 1-1, Type 1-2) for the first half of the year cannot apply the Consolidator Grants for the second half of the year.
  - **(Starting Grants)** The applicants who will apply Starting Grants for the first half of the year cannot apply the Starting Grants for the second half of the year.
- **Restriction on application for the researchers conducting ongoing projects**
  - **The principal investigator who is conducting an ongoing individual research project cannot**

**apply to a new individual research project as a principal investigator.**

- **The principal investigator or co-investigator who is conducting the group research project cannot apply to a new group research project as a principal investigator or co-investigator.**

- ※ Individual research: Outstanding Grants (Leader Grants, Consolidator Grants, Hanwoomul-Phagi Basic Research, Outstanding Young Scientist Grants, Sejong Science Fellowship (General/Overseas Training Tracks)), Broadening Opportunity Grants (General Grants, Starting Grants), basic individual science & engineering, balanced academic development program, support program for academic future generations.
- ※ Group research: Centers of Research Excellence, Basic research laboratory (including global research laboratory), university-based research laboratory.

#### Exceptions

- ▶ **(Common)** Starting grants are excluded from the restrictions on one-person tasks in basic research projects, and is not included in the limit on the number of R&D tasks (three books and five balls) (can apply and select overlapping with individual and group studies)
- ▶ **(Exceptions to individual studies)**
  - If the task being performed is final (excluding annual/stage termination) within the relevant year (2024.12.31)
  - ※ However, if the task being carried out is finally completed within 10 months from the start date of the new task, global leader research will be conducted
  - ※ It is an exception standard for one person and one task within a basic research individual research project, and does not fall under the exception standard for limiting the number of R&D tasks (three books and five spaces)
  - Hanwoomul-Phagi Basic Research can be applied even if the individual basic research project under the jurisdiction of the Ministry of Science and ICT is not finalized (excluding annual/stage termination) within the relevant year (2024.12.31)
  - ※ However, when selecting Hanwoomul-Phagi Basic Research, the previously carried out basic research project under the Ministry of Science and ICT must end on December 31, 2024, and the overlapping period does not fall under the exception criteria due to the limitation on the number of R&D projects (three books and five holes)
  - The global match type is excluded from the restrictions on one-person tasks within the basic research individual research project (included in the number of R&D tasks (three books and five public works))
- ▶ **(Exceptions to group studies)**
  - (Group common) Global leading research center, basic research laboratory, where the task being performed is finalized (excluding annual/stage termination) within 10 months from the start date of the new task
  - ※ It is an exception standard for one person and one task in the basic research group research project, and does not fall under the exception standard for limiting the number of R&D tasks (three books and five spaces)
  - The Regional Innovation Leading Research Center (RLRC) can be applied and participated by joint (core) researchers participating in leading research centers (SRC, ERC, MRC, CRC)
  - The Innovation Research Center (IRC) can be applied and participated by joint (core) researchers participating in leading research centers (SRC, ERC, MRC, CRC, RLRC)
  - ※ Overlapping participation will be temporarily allowed during the 1<sup>st</sup> year of the research period. However, from the 2<sup>nd</sup> year of the research period, only new RLRC and IRC can participate.
  - ※ Existing Centers of Research Excellence should maintain the requirements for the research team, and should report the appropriate measures for the personnel that is going to participate RLRC and IRC (changes or removal of co-investigator).

- **Sejong Science Fellowship (Overseas Training Track) is not applicable for post-doctoral overseas training by the Ministry of Education.**

○ **Applying the number of tasks that can be participated simultaneously** ※ Same applies to continued tasks in 2024

- **(Common)** Application of the performance limitation standard of one task per person (application of the existing minimum participation rate has been abolished)

- **(Global Leader Research)** The principal investigator is the principal investigator of another national research and development project and can perform only one additional project (duplicate basic research projects are not allowed)

※ However, an exception is made in cases where the new global leader research project is finalized within 10 months from the start date of the research.

- **(Global Leading Research Center)** The head of research is the head of research for another national research and development project (including basic research projects) and can perform only one additional project (research from other groups and global leader research cannot be duplicated)

※ However, there is an exception in cases where research on a new project at a global leading research center is completed within 10 months from the start date.

- **(Sejong Science Fellowship (domestic track))** Labor cost calculation ratio of at least 50% (based on labor costs paid by the research director)

○ **Government R&D common ground**

- **(Restriction on participation)** Researchers who have been sanctioned to restrict participation in national R&D projects can apply for and participate in new tasks only if the sanction period ends the day before the deadline for receiving the research plan by the research director.

- **(Restriction on the number of R&D tasks)** Basic research projects shall be limited to a maximum of five R&D tasks that a researcher can perform simultaneously, and among them, three R&D tasks that can be performed simultaneously as a person in charge of R

## Major contents of limitations and exception for the number of R&D projects

### ▶ Article 64 of the Enforcement Decree of the National R&D Innovation Act (Limitation on the number of R&D projects)

- ① The head of central administrative agency can limit the maximum number of R&D projects that researchers can conduct simultaneously is 5, and the researcher can conduct projects as a principal investigator up to 3 projects among the aforementioned 5 projects according to Article 35 Paragraph 1 of the Act.
- ② When the head of central administrative agency calculates the number of R&D projects under Paragraph 1, the head of central administrative agency can exclude any of the following R&D projects for calculating total number of the projects <revised on 2022. 2. 28>
  1. The R&D projects that terminate within 6 months after the R&D application due dates according to Article 9 Paragraph 2 or Article 10 Paragraph 2.
  2. The R&D projects related to preliminary investigations, planning • evaluation studies, or test • examination • analyses
  3. The R&D projects that aim at adjustment and managements of the R&D projects
  4. The R&D projects that are related to the projects for infrastructure building, the projects of Article 5 (1) • (2), higher education support, personnel training, or academic activities, and that do not directly aim at R&D.
  5. The R&D projects related to basic projects of Article 4
  6. The R&D projects that are conducted by R&D institutes under any of following conditions with collaboration with small- and medium-sized enterprises and that the Minister of the ministry of Science and ICT assigned the R&D expenses separately after the consultation with the head of the relevant central administrative agency.
    - a. The R&D institutes that are applied to Article 2 (3) Na to Ba.
    - b. Specialized production and technology institute under Article 42 of the 「Industrial Technology Innovation Promotion Act」
  7. In addition, the R&D projects that are reviewed by the National Science and Technology Advisory Council, because they need to be calculated without being included in the number of R&D projects for the promotion of R&D or other reasons.

### Exceptions

Cases falling under the subparagraphs of Article 64 (2) of the Enforcement Decree of the National R&D Innovation Act (Restriction on the number of R&D tasks)

- Young Scientists Grants (subject to No. 4) are not included in the number of R&D tasks
- The average annual R&D cost of individual basic research ( Global Leader Grants, Consolidate Grants, Young Scientists Grants) (in accordance with No. 7) less than 60 million won (direct cost + indirect cost) is not included in the number of R&D projects (from '24 to the end of the project)

\* Personal basic research (global leader research, consolidate research, young scientists research, basic research, life-first research) Continuing tasks are not included in the number of R&D tasks if the research cost in 24 years is adjusted to less than 60 million won (direct cost + indirect cost) (including less than 60 million won before adjustment) due to the government's budget situation

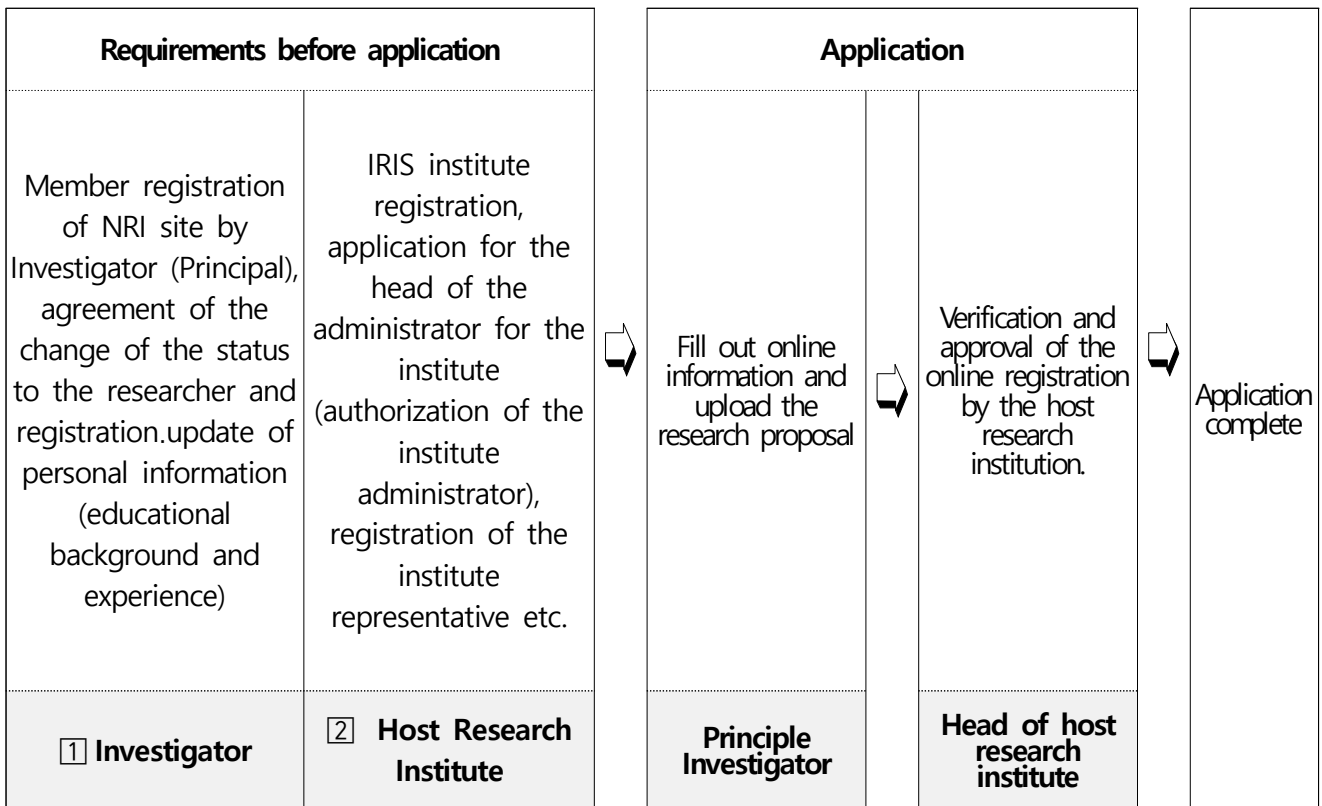
- ※ Among the above basic individual studies, the application of small-scale projects with an annual average R&D cost of less than 60 million won without the number of R&D projects shall apply only when the number of projects eligible for participation in national R&D projects is limited, and shall be included in the number of projects related to restrictions on the performance of one task per individual basic research

#### 4. Application procedure

▸ In 2024, the basic research project will replace the existing Korea Research Foundation's e-R&D and **apply for, evaluate, and manage tasks through IRIS\*** (<https://www.iris.go.kr>) operated by the Korea Institute of Science and Technology Planning and Evaluation (KISTEP).

\* **IRIS(Integrated R&D Information System)**: Integrated R&D Information System is an integrated system that is merged into one from the systems that are separately operated by each Ministry and specialized institutes.

- After the principal investigator log in **Integrated R&D Information System (IRIS, <https://www.iris.go.kr>)**, fill out online information and upload the research proposal, the principal host institute verify and approve applications.



※ Before submitting the application, please check with the administrators that manages research processes at the host institute about the possibility for the host research institute's approval.

※ Check the attached detailed project application guidelines for details.

► **There are mandatory requirements before the application of projects through IRIS, please prepare in advance to avoid problems for the project applications.**

※ Please refer the detailed contents in [Attachment] Mandatory requirements before the application of projects (KISTEP IRIS Operation Team) **and** IRIS membership registration (change status to the researcher) and the manual for researcher information registration

① **(Researcher)** ① IRIS membership registration, ② Agreement for the changes of the status to the researcher in NRI (National Research Information System) tab of IRIS site (Issuance of National Research Number), ③ Mandatory requirements for updating information for educational background/experience\* and the achievements of the major research performance\*\* in NRI site

\* In experience information, registration of working (affiliation) departments is mandatory

\*\* Update the list of finished, conducting/applying projects for the last 5 years

※ ① **and** ②: Required for all of the participating researchers including the principal investigator (except student researchers in the pooling system for student stipends), ③: required only for the principal investigator

② **(Host Research institute)** IRIS institute registration, application for the head of the administrator for the institute (authorization of the institute administrator), registration of the institute representative etc.

※ Institute representative and institute (head) administrators are also required to register IRIS membership and to change the status to the researcher (issuance of National Research Number). Since the application of projects cannot be completed unless institute representative registers information, please make it sure to implement the mandatory requirements before the start of the application period. ,

**< Note for host research institute options >** ※ Refer the detailed contents in [Attachment]

– Upon the application of the projects, the host research institutes are requested to apply as **<00 University>**, **not as <00 University Industry University Cooperation Foundation>**.

– Registration for institute information (registration of institute representative, application of head of the administrators, investment of authorization power to the institute administrators etc) of <00 University> is mandatory required.

– **University Industry University Cooperation Foundation administrators can authorize the approvals for University Industry University Cooperation Foundation projects as well as the projects applied under the name of the university (00 University)**

※ If institute information (representative and head of institute administrators) is currently registered only with **<00 University Industry University Cooperation Foundation>** and if it is difficult to change information to <00 University> due to time restrictions before the application due date, it is possible to apply as **<00 University Industry University Cooperation Foundation>**

► **IRIS Inquires: IRIS call center 1877-2041 or utilize the inquiry board of IRIS homepage.**

## 5. Evaluation process

Program		1st evaluation	2nd evaluation
Global Leader Grants		Discussion	Overseas peer review + presentation
Consolidator Grants	Type 1 (including Type 1-1 and Type 1-2)	Online evaluation	-
	Type 2(Global Type)	Discussion	Presentation
Hanwoomul-Phagi Basic Research		Discussion	Presentation (Special review board)
Outstanding Young Scientist Grants		Online evaluation	-
Starting Grants		Discussion	-
Sejong Science Fellowship	General Track	Online evaluation	-
	Overseas Training Track	Online evaluation	-
Global Match Type	Germany(DFG), Sweden(SSF)	Online evaluation	Overseas Joint Panel
	United Kingdom(Royal Society)	Discussion	Final Selection Agreements with Foreign Institutions
Centers of Research Excellence		Discussion	Presentation
Basic research laboratory		Discussion	Presentation

- ※ Preliminary review will be conducted after the application is closed. If the application do not meet the application qualification requirements, the application will be excluded from the evaluation.
- ※ It can be changed by detailed evaluation plan.
- ※ (Provided by Research Activity Analysis Service) The research activity analysis information of the research manager who applied for the project (trend of the number of thesis citations, trend of the number of papers in academic journals, information on the performance of research projects, patent registration, etc.) is provided to the evaluation committee as a reference (applied on a pilot basis to the natural science and engineering field of consolidate research type 2 (global type) in 2024)

## 6. Application period

### ※ Notice

- Applicants should check that the application is marked as “Application Completed (Submission Completed)” before the deadline.  
(Please note that the application cannot be completely submitted if it is still listed as “In-Process (In the Preparation of the Application)” ).

### < First half >

- [Individual research, 1st] Global Leader · Consolidator · Hanwoomul-Phagi Basic Research · Outstanding Young Scientist Grants · Sejong Science Fellowship (General Track, Overseas Track)

- Principal Investigator Application period : 2024. 2. 8. (Thur) 09:00:00 ~ **2. 2. (Fri) 18:00:00**
- Approval from host institute : 2024. 1. 19. (Thr) 09:00:00 ~ **2. 7. (Wed) 18:00:00**
- **[Individual research (facilities and equipment), Starting Grants]**
  - Principal Investigator Application period: 2024. 2. 8. (Thur.) 09:00:00 ~ **2. 21. (Wed.) 18:00:00**
  - Host research institution approval period: 2024. 2. 8. (Thur.) 09:00:00 ~ **2. 23. (Fri.) 18:00:00**
- **[Group research, 1st] Centers of Research Excellence · Basic Research Laboratory**
  - Principal Investigator Application period : 2024. 2. 22.(Thur) 09:00:00 ~ **3. 6.(Wed) 18:00:00**
  - Approval from host institute : 2024. 2. 22.(Thur) 09:00:00 ~ **3. 11. (Mon) 18:00:00**
- **[Individual research, 2nd] Consolidate Research ( Type 1, Creative Research Type)**
  - Principal Investigator Application period : Public offering scheduled for June 2024
- **[Global Match Type]**
  - ※ Announcement is scheduled for the UK (RS) in January, and for Germany (DFG) and Sweden (SSF) in March. Detailed announcement contents and application guidelines will be announced separately.

## **7. Timeline (Draft)**



Timeline	Contents
December 2023	· Announcements of applications for new projects for 2024.
January 2024	(First half) Beginning receipt of the new applications for individual research, 1st (Global Leader / Consolidator type 1, 2/ Hanwoomul-Phagi Basic Research/ Outstanding Young Scientist Grants / Sejong Science Fellowship (General, Overseas Tracks)) · Announcements of Global Match (United Kingdom) Program
February 2024	· (First half) Beginning receipt of the new applications for the group research, 1st (Centers of Research Excellence/ Basic research laboratory) · Beginning receipt of the new applications for starting grants
March 2024	· Announcement of Global Match (Germany, Sweden) Programs
April 2024	· Beginning of the new individual research, 1 <sup>st</sup> (Outstanding Young Scientists Grants)
May 2024	· Beginning of the new individual research, 1 <sup>st</sup> (Global Leader / Consolidator type 1, 2/ Hanwoomul-Phagi Basic Research/Sejong Science Fellowship (General, Overseas Tracks)) · Beginning of the new individual research, 1 <sup>st</sup> (Young Scientists Grants)
June 2024	· Beginning receipt of the new applications for the group research, 2 <sup>nd</sup> (Consolidator type 1 / Creative Research Type)
August 2024	· Beginning of the new individual research, 1 <sup>st</sup> (Global Leader) · Beginning of the new group research, 1 <sup>st</sup> (Centers of Research Excellence/ Basic research laboratory)
September 2024	· Beginning of the new individual research, 1 <sup>st</sup> (Sejong Science Fellowship (Overseas Training Tracks)) · Beginning of the new individual research, 1 <sup>st</sup> (Global Match (United Kingdom) Program)
October 2024	· Beginning of the new group research, 2 <sup>nd</sup> (Consolidator type 1 / Creative Research Type)
November 2024	· Beginning of the new individual research, 1 <sup>st</sup> (Global Match (Germany, Sweden) Program)

※ The timeline may be subject to change.

## 8. Other information

### Guideline for acknowledgement

- When the outcome of the project is published in a research journal, the paper should include the acknowledgement as shown below.

#### ▶ In Korean

이 성과는 정부(과학기술정보통신부)의 재원으로 한국연구재단의 지원을 받아 수행된 연구임 (No. 한국연구재단에서 부여한 과제 관리번호).

#### ▶ In English

This work was supported by the National Research Foundation of Korea (NRF) funded by the Korean government (MSIT) (No. project management number granted from NRF).

※ MSIT : Ministry of Science and ICT

※ The phrase "This work" can be replaced with the title to be published in the research journal or registered in the patent document.

### Dispatch of researchers to domestic or overseas research institutes

- If a principal investigator is dispatched to a domestic or an overseas research institute over 6 months from the commencement date of the project, a prior approval is necessary for dispatch.
  - However, the principal investigator of Sejong Science Fellowship(General Track) is allowed to be dispatched to overseas research institute for maximum 1 year during the full fellowship period (5 years), considering the objective and goal of the project.
- ※ If a principal investigator has already been dispatched on the commencement date of the project, an approval should be acquired from the host institute immediately after the arrangement.

### Mandatory online research ethics course

- From 2018, the principal investigator of a basic research project should mandatorily complete the online research ethics course after the commencement of the project. (If the principal investigator fails to complete the course, the principal investigator cannot submit various reports).
  - Designated institute of education operation : Korea Institute of Human Resources Development in Science and Technology (<https://alpha-campus.kr/>).
  - Inquiry call about education : KIRD Alpha Campus (1588-5834).

### Guide for mandatory employment of young people in proportion to the government's contributions

- If the main research institute is an enterprise (company), check the contents of 'Guidelines for the mandatory recruitment of young people in proportion to the governments

contributions' in the application request.

## 9. Inquiries

- Inquiries related to system and policy: Basic research promotion division, Ministry of Science and ICT (044-202-4536, 4534)
- Inquiries regarding project application process: Individual research support team and group research support team, NRF

Division		Department	Contact	
Individual Research	Global Leader Grants		042-869-6813	
	Consolidate Grants	Type2 (Global Type)	042-869-6811	
		Type 1	042-869-6804	
	Hanwoomul-Phagi Basic Research		National Research Foundation (NRF) Personal Research Support Team	042-869-6806
	Outstanding Young Scientist Grants			042-869-6803
	Sejong science fellowship(General Track, Overseas Training Track)			042-869-6808
	Global Match Type	Germany(DFG)		National Research Foundation(NRF) International Exchange Team
		Sweden(SSF)		
		United Kingdom(Royal Society)		National Research Foundation(NRF) Europe-Africa Cooperation Team
Group Research	Centers of Research Excellence		National Research Foundation of Korea (NRF) Group Research Support Team	042-869-6826
	Basic Research Laboratory			042-869-6825
Individual Research (Facilities equipment)	Young Scientists Grants		National Research Facilities and Equipment Promotion Center (NFEC) Basic Infrastructure Room	042-865-3972, 3982, 3481

**Attachment: 2024 Basic Research Project 1st New Project Contest Guide (Detailed Project Application Guidelines, etc.)**

**※ Attachments (detailed project application guidelines, etc.) will be announced separately on January 4, 2024 (Thursday)**