

Medical data analysis intelligent SW cooperation (International joint research)

CLASSIFICATION		DETAILS			
Fields		Medical AI, digital therapy device field			
Grant	R&D	4.8 billion KRW			
	Commercialization	5.4 billion KRW			
Number of projects	R&D	2			
	Commercialization	1			
Program period	R&D	30 months (’24.7.1 ~ 26.12.31)	9 months (1.6B KRW)	9 months (1.6B KRW)	12 months (1.6B KRW)
	Commercialization		9 months (1.8B KRW)	9 months (1.8B KRW)	12 months (1.8B KRW)
Condition	R&D	<ul style="list-style-type: none"> ○ You must propose a research and development project at TRL level 3 to 6 (open competition) and submit clinical trial plan application results * ○ Propose research and development tasks for TRL stages 3 to 6, develop solutions and submit applications for clinical trials <ul style="list-style-type: none"> - At least 1 SCI-level paper, at least 1 patent, and at least 1 medical AI or digital treatment device solution development - At least 1 case of domestic and foreign medical data utilization and at least 1 clinical trial application 			
	Commercialization	<ul style="list-style-type: none"> ○ You must propose a research and development project at TRL 6~8 level (free open contest) and submit the results of clinical trials and approvals (overseas). ○ Propose research and development tasks at TRL levels 6 to 8 and submit results from clinical trials to licensing approvals <ul style="list-style-type: none"> - At least 1 case of domestic and foreign medical data utilization and at least 1 clinical trial application - At least one overseas medical device approval certification - (Optional) One or more export contracts, such as licenses for research results or contracts with global resellers, etc. for overseas commercialization 			
* However, in cases where clinical trials are not required, data proving that clinical trials are not required and research plan approval (IRB) data to ensure bioethics and safety must be submitted.					
Qualification of researcher	<ul style="list-style-type: none"> • A domestic R&D institution conducts joint research by signing a separate research and development contract with at least one overseas research institution (university, hospital, company, non-profit organization, etc.) ※ When applying for a project, submit documents that confirm the overseas institution’s willingness to participate in the project (LoI, MoA, etc.) ※ When signing an agreement, a contract (roles, results, end date, etc.) regarding the use of international joint research and development funds between the domestic lead research and development institution and foreign institutions is required to be submitted (Article 28, Paragraph 4, Standards for Use of Research and Development Funds for National Research and Development Projects) ※ The contract between the host research and development institution and overseas research institutes (researchers) stipulates the prevention of disputes over achievements such as patents. (Refer to Article 16 of the National Research, Development and Innovation Act and Article 32 of the Enforcement Decree of the same Act, and refer to the documents to be submitted in 6. Application Guidelines) 				
	<ul style="list-style-type: none"> • The host research and development institution can provide research funding to overseas institutions and researchers through international joint research and development funds. • Includes a proposal to promote international joint research with overseas institutions and researchers <ul style="list-style-type: none"> - (Proof of excellence) Proposal of objective evidence that can prove the excellence and institutional specificity of overseas institutions and researchers related to the proposed technology field - (Justification for collaboration) Specific suggestions, such as synergy and future expected effects of research collaboration with foreign institutions and researchers in the proposed technology field • Includes proposals for specific collaboration methods between the host research and development institution and overseas institutions and researchers. <ul style="list-style-type: none"> - Technologies such as specific and organic linkage and collaboration plans to understand the operation plan of research collaboration with international joint research institutes (researchers) 				
<ul style="list-style-type: none"> • Considering the purpose of international joint research, the applicant organization should autonomously select and propose an appropriate target country, but consider forming a consortium with institutions located in the IMDRF * regular members of the United States, Canada, Australia, Brazil, and Japan. <p>* IMDRF (International Medical Device Regulators Forum): A consultative body of regulators from the U.S. and Europe that leads the harmonization of international regulations on medical devices</p>					
Application	Application submission through the government-wide integrated research support system (iris.go.kr)				
Deadline	April 22, 2024 (Monday) ~ June 3, 2024 (Monday)				
Contact	Team		Contact		
	Information and Communications Planning and Evaluation Institute Metaverse Team		Phone	042-612-8512, 8515	
			Email	ksun@iitp.kr , kangdy@iitp.kr	