

※記載された Title, Name, Affiliation, Department, Position title は、採択後そのままウェブ掲載されますので、間違いの無いよう記入をお願いします。研究開発提案書（様式 1-2）の記載内容と齟齬がないよう作成して下さい。

(Form 2)

R&D Proposal
(Project for Cancer Research and Therapeutic Evolution, AMED FY2019)

1. Research outline and objectives

1.1 Outline of R&D project

Grant type at time of submission	Project for Cancer Research and Therapeutic Evolution (young researchers)	
1. Title of proposed R&D project		
2. R&D period	Date contract concluded in _____ to March _____, _____ (scheduled)	
3. R&D funds	1st year (2019)	10,000yen
	2nd year (2020)	10,000yen
4. Name of R&D Principal Investigator		
5. Affiliation, department and position of R&D Principal Investigator		
6. Research stage (select as many as appropriate)	<input type="checkbox"/> Research contributing to reflection in guidelines <input type="checkbox"/> Research on actual condition of patients <input type="checkbox"/> Construction of research infrastructure <input checked="" type="checkbox"/> Basic research <input type="checkbox"/> Clinical study not subject to the Law on Securing Quality, Efficacy and Safety of Products Including Pharmaceuticals and Medical devices <input type="checkbox"/> Step 0 (selection of seeds) <input type="checkbox"/> Step 1 (pre-clinical phase) <input type="checkbox"/> Step 2 (investigator-initiated clinical trials)	
7. Highlights: 1) Objective 2) Uniqueness/Originality 3) Feasibility of accomplishment 4) Anticipated accomplishments 1) 2) 3) 4)		
8. Anticipated accomplishments (select as many as appropriate)	<input type="checkbox"/> Drug development <input type="checkbox"/> Medical device development <input type="checkbox"/> Regenerative medicine product development <input type="checkbox"/> Diagnostic method development <input type="checkbox"/> Evidence creation <input type="checkbox"/> Causative gene identification <input type="checkbox"/> Biomarker development <input type="checkbox"/> Elucidation of pathogenesis <input type="checkbox"/> Registry building <input type="checkbox"/> Animal model development <input type="checkbox"/> Others (_____)	
9. Research keywords (10 or less)	1(_____) 2(_____) 3(_____) 4(_____) 5(_____) 6(_____) 7(_____) 8(_____) 9(_____) 10(_____)	

1.2 Overall details of the R&D

1. Outline etc.

In order that the importance and necessity of the proposal can be understood, please write about its social and scientific demands, including trends in the research area in question and other related research areas. Once this has been written please write in specific detail what the purposes of the proposal are. Then please describe how the proposal's content compares to research being carried out (in the same field and related areas) nationwide and overseas and clarify its originality and novelty.

If you have an outline diagram please insert it here.)

2. Research plan and research methods

2.1 Overall view of R&D and progress

R&D item Milestone	Name of person in charge	1st year (FY2019)				2nd year (FY2020)			
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
(1) • Research budget: million yen			←→						
(2) • Research budget: million yen				←→					
(3) • Research budget: million yen			←→			←→			
(4) • Research budget: million yen						←→			
(5) • Research budget: million yen						←→			
(6) • Research budget: million yen								←→	
(7) • Research budget: million yen									

2.2 R&D outline by R&D item

R&D item (1)	
Name of person in charge of R&D	
Affiliation/department/position	
R&D item outline	
<p>Please describe the specific research approach you will follow in order to attain your objectives. In addition, please mention any research achievements or preliminary knowledge relevant for the execution of the research. Finally, please describe the rough framework of the time schedule, including achievement items that would serve as milestones, and the judgement criteria and timing of the milestones as you work towards the attainment of your objectives.</p>	
<u>Milestone 1</u>	
Person in charge:	
Objectives, details and accomplishments to be achieved	
<u>Milestone 2</u>	
Person in charge:	
Objectives, details and accomplishments to be achieved	

3. International Cooperation

Please explain your collaboration with the overseas research institutes you plan to achieve your goals. And also, please summarize the proposed research content as a research plan image on a single page.



4. Research achievements

For each R&D Principal Investigator and Co-Investigators, select major papers and authors that have been published in academic journals, etc. (within the past 5 years) and list them in order starting from the most recent year. Circle those that are directly related to the proposed topic.
Note the acquisition and application status of patent rights or other intellectual property rights, and any policy recommendations that have been made as a result of the implementation of the research project (guiding principles or guidelines to which you have contributed, etc.).

• R&D Principal Investigator: *Hanako Iryo*

< Paper / Author >

Hanako Iryo, AMED H, AMED K. Research for $\Delta\Delta$. Journal of $\circ\circ$. 2016, 111, 2222-33

AMED T, AMED K, Hanako Iryo. Research for $\square\square$. Nature. 2017, 111, 999-1003



< Acquisition and application status of patent rights or other intellectual property rights >

< Policy recommendations >

Implementation System Diagram

Attach an implementation system diagram showing the Principal Institution and Subsidiary Institution organizations (in the event that the affiliated institution and the main place of research are different bodies also provide details of the main place of research), frameworks, collaboration and cooperation organizations, etc. The diagram should clearly show the roles of each institution. Also note the frameworks and methods for R&D project administration, promotion and progress management, etc.

【Example】

Rounded rectangles: Universities etc.; Oval: Corporations; Rectangle: AMED; dotted arrows: Flow of contract; Bold arrows: Coordination/role sharing concerning samples and information etc.

