(Form E1-2)

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| Title of proposed R&D project | *Study of XXXX* |
| Name of R&D PI | Hanako M. Iryo <First name Middle name Last name> |
| Affiliated Institution, Section, Title |  |
| Academic Background  (since University) | ----Example----  <Undergraduate Institution>  yyyy (year of completion): Department of XXXX, YYYY University  <Graduate Institutions>  Master’s Course: yyyy (year of completion): Faculty of WWWW, Department of XXXX, YYYY University  (Supervisor: Prof. Wwww Y. XXXX)[Necessary Information]  Doctor’s Course: yyyy (year of completion): Faculty of WWWW, Department of XXXX, YYYY University  (Supervisor: Prof. Wwww Y. XXXX)[Necessary Information]  Academic Degree: yyyy (year of acquisition): Ph.D. (Field of Specialty) at ZZZZ University  *(Supervisor\*: Professor Wwww Y. XXXX; Head of Laboratory\*: Professor Aaaa B. CCCC)[\*Necessary Information]* |
| Professional Appointments  (Major careers and Fields of R&D) | ----Example----  From yyyy to xxxx: Assistant Professor, Department of Medicine, WWWW University  (working on XXXX at the Laboratory of Professor Aaaa B. CCCC\*)  From yyyy to xxxx: Associate Professor, Department of Medicine, WWWW University  (working on WWWW at the Laboratory of Professor Aaaa B. CCCC\*)  From yyyy to xxxx: Associate Professor, Department of Medicine, WWWW University  (working on WWWW at the Laboratory of Professor Aaaa B. CCCC\*)  *[\*Necessary Information]* |

**1. Research Objectives**  (Do not exceed three A4-size sheets (no exceptions))

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| 1. Use font size of 10.5 point or larger. If these instructions are not followed, the research proposal may not be accepted. 2. In this Form E1-2, make effective references to the descriptions of achievements listed in Form E1-3 to clarify the relationship between the achievements of the applicant and the research being proposed. 3. Please specify clearly 1) the background of the R&D concept (necessity and importance of the research), 2) achievements of applicant (and preliminary evidence) and 3) R&D concepts and plans. |

1. **Targets and Objectives**

Specify the research objectives of the proposed R&D project (expected achievements at the end of the research period), and the targets of the proposed R&D (in terms of outcome resulting directly from the above mentioned achievements).

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1. **Backgrounds**

Specify scientific and technological needs, social demands and requests from economic and industrial interests, including trends in related fields, in order to illustrate the importance and necessity of the proposed R&D project.

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1. **R&D Fundamentals and Preparations**

Specify the relevant projects conducted previously and the personal research achievements of the R&D PI (and those of R&D Co-PI, and other collaborating researchers, as required), and other preliminary knowledge, experimental evidence, etc. to support the R&D concept. Specify the contents corresponding to “III. 3. (2) (d)” in the Application Guidelines.

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1. **Originality and Novelty of the Proposed R&D and Comparison to the Current State of Similar Studies Worldwide**

Specify the originality and novelty of the proposed R&D project, and the advantages of this R&D project over others in the world, taking into account the research situation and trends worldwide.

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1. **Future R&D Prospects**

Specify the expected creation of scientific and technological innovation, creation of seeds for medical applications, contributions to the society, and acquiring and enforcement of intellectual property, which are likely to be realized in future, if successfully achieving the “I. Targets and Objectives” in this Form E1-2.

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**2. R&D Plans and Approach** ((Do not exceed two A4-size sheets (no exceptions.))

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| 1. Clarify the R&D approaches taken to achieve “1. Target and Objectives,” potential problems and solutions, as well as alternative approach in cases of failing to obtain expecting results during the R&D period with certain milestones including criteria for judging the achievement level and time periods on the way of the R&D. 2. Clearly show the goals to be achieved within three years of commencing the R&D (This is one of the bases for interim evaluation). 3. It is possible to specify them for every R&D subject.   Relating to intellectual property and others including applications, licensing and management, assumed during making the plans of the R&D, specify the followings: 1) Relevant intellectual property rights owned by the applicants, and 2) Strategy to acquire intellectual property rights during the course of the R&D.  Refer to notes in “1. Research Objectives.” |

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