

**Four applications from Hiroshima University
have been Adopted for
Challenging Research (Pioneering)**

【Summary】

“Grant-in-Aid for Scientific Research or *Kakenhi*” is one of the competitive research funds provided by MEXT (Ministry of Education, Culture, Sports, Science and Technology) and is the largest in its fund scale in Japan with its long history, intended for individual researchers.

MEXT has set up a new entity called “Challenging Research (Pioneering)” from this Fiscal Year, and four applications have been adopted from Hiroshima University.

Hiroshima University is prioritizing support allocations in a focused manner in order to increase the total amount of Grants-in-Aid for Scientific Research that it receives. In particular, we are now promoting big research projects in interdisciplinary fields as well as innovative areas. The four categories adopted this time are from the research fields such as Humanities, Engineering, and Medicine/Health Science, of which representatives are DPs (Distinguished professors) or female researchers.

Hiroshima University intends to proactively provide support to further activate research activities at the university.

Research Project	Principal Investigator	Research Field	Budget Amount
Historical study of the Science Council of Japan	Dr. Akiko Kubota (Assistant Professor, Research Institute for Radiation Biology and Medicine)	History, Archaeology, Museology, and related fields	¥18,330,000
Development of novel nature-technology for biological wastewater treatment to remove metals and persistent substances	Dr. Akiyoshi Ohashi (Professor, Graduate School of Engineering)	Civil engineering and related fields	¥26,000,000
2本鎖DNAを使用せず高度の安全性を保證する遺伝子治療の開発*	Dr. Kazuaki Chayama	General internal medicine and related fields	¥26,000,000
健康寿命の延伸に向けた若返り研究マウスモデルの開発**	Dr. Kenji Kamiya	Health science and related fields	¥25,740,000

Note: The last two research project titles in the above table are left in Japanese, but English titles will become eventually available on the following Kaken website:

* <https://kaken.nii.ac.jp/en/grant/KAKENHI-PROJECT-17H06269/>

** <https://kaken.nii.ac.jp/en/grant/KAKENHI-PROJECT-17H06284/>

◇Hiroshima University: 17 Applications made → 4 Applications adopted (adoption rate: 23.5%)

◇Grant-in-Aid for Challenging Research (Source: Handbook for Researchers)

Research conducted by one or more researchers, that has the aim of significantly reforming or changing the scientific scheme or direction and has rapid growth potential. Further, (Exploratory) covers research projects that have a strong exploratory nature, or are in their beginning stages.

Project Period: 3-6 years

- Only those Projects, which are in line with the objectives and rational of a given Research Category, are carefully selected
- Allocate maximum amount to the adopted project (in principle, the fund fulfillment rate is set

100%)

- Nation-wide Data concerning the number of the Applications/Adoptions
Number of applications made: 1,116

◇Number of adopted applications: 94 (adoption rate 8.4%)

【Contact details for inquiries】

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