

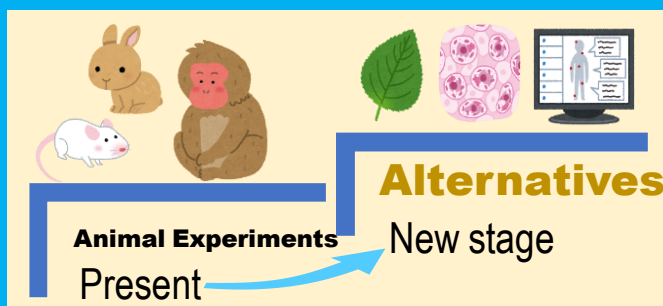
Alternatives to animal experiments

Challenge contest 2022

The new contest starts!

Let's propose new methods!

The alternatives to animal experiments mean the experiments without using animals to examine the safety of drugs, chemicals, etc. We are waiting for your fresh ideas regarding the new alternatives to animal experiments (experimental methods, analytical methods, results, and more).



Why should we think the alternatives to animal experiments?

For respecting experimental animals and raising animal welfare based on the international principle, **3Rs**!



Can we contribute animal welfare by applying to the challenge contest? It looks difficult...

Let's think freely from the perspective of high school students. **Just ideas** are also okay besides **proposal based on the experiments**.



The outline of **3Rs** which The Japanese Society of Alternatives Animal Experiments promotes

Reduction

Lowering the number of animals used to obtain information of a given amount and precision

Refinement

Decreasing any inhumane procedures applied to those animals which have to be used

Replacement

Replacing the experiment using animals with the other methods

➤ **Eligibility**

High school students and first to third year students at technical college (Individual or group).

➤ **Entry**

The unpublished work related to the alternatives to animal experiments.

➤ **Date**

- **Announcement of primary selection result** : the middle of July 2022
 - **Final selection (presentation via online)** : 18 August 2022
- The award ceremony will be held on 19 September 2022

➤ **Organizer**

The Japanese Society of Alternatives to Animal Experiments