



The 35th Annual Meeting of
the Japanese Society for Alternatives to Animal Experiments

The 2022 Challenge Contest

The final review committee report

Presentations by high school students were reviewed on the special site
at IKEDA SCIENTIFIC Co., Ltd on 18 August 2022.

Outline of challenge contest

Alternatives to animal experiments mean alternative methods to evaluate the safety of drugs etc. without using animals.

The Challenge Contest provides high school students an opportunity to develop problem-solving abilities and/or to deepen an understanding of bioethics. We encourage students to come up with novel ideas of alternatives (experimental methods, analysis methods or results etc.) for submission to the contest. Outstanding presentations will be awarded under multifaceted evaluation by reviewers.

Challenge contest 2022

Due to the rapid increase in the number of people infected with COVID-19, the contest was held online, not face-to-face. That enabled participants from all over Japan to apply.

DATE: 1 PM-4 PM, 18 August 2022

Zoom Webinar

Headquarters: IKEDA SCIENTIFIC CO., Ltd
special site

Result of final review

Grand Prize

**Experiment of evaluation of selective toxicity
using insect-derived cell line for pesticide (Sumithion)**

Taichi NAKAMURA, Taisei MAEDA

Yamaguchi Prefectural Yamaguchi High School

Award of Excellence

**Development of the system to observe protoplasmic streaming
quantitatively**

Sota KITAGAWA

Yamaguchi Prefectural Tokuyama High School

Prize for Effort

**Development of the technique for the regenerative
medicine using *Turritopsis nutricula***

Kiyoka ASAHI

Shizuoka Prefectural Fujieda High School

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