



KANAZAWA UNIVERSITY

*Committee on Animal Experimentation of  
Kanazawa University*

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September 5th, 2017

## **Certificate of Animal Experiment Project Approval**

To whom it may concern

This is to certify that the President of Kanazawa University has approved the animal experiment project described in a manuscript for *World Journal of Critical Care Medicine* entitled "Effects of mineralocorticoid receptor antagonists on responses to hemorrhagic shock in rats" by Kanako Yamamoto *et al.*, after a review by the committee.

The contents of approval are as follows:

1. Principal Experimenter (Department / Position / Name)

*Department of Anesthesiology and Intensive Care Medicine, Graduate School of  
Medical Sciences / Assistant Professor / Takashi Yamamoto*

2. Titles of Projects

Effects of mineralocorticoid receptor antagonists on responses to hemorrhagic shock in rats.

3. Animals to be used (species, strain, heads)

Rats, SD, 174 heads

4. Period of experiment

From April 16, 2015, to March 31, 2017

5. Approval number

AP-153421.

A handwritten signature in black ink, appearing to read 'Osamu HORI'.

Prof. Osamu HORI, M.D., Ph.D.

Chairperson

Committee on Animal Experimentation of  
Kanazawa University