

April 1st, 2014

## Certificate of approval

This is to certify that Dr. Mitsuhiko Abe currently holds an approved animal experiment for the following project.

All researchers involved in this experiment must prevent imposing pain unnecessarily onto the laboratory animals through the appropriate use of anesthesia, analgesics, and sedatives, and minimize the pain caused to laboratory animals to the smallest possible degree with regard to animal experiments that cause diseases.

They must also follow the respective law and regulation, and take through measures to ensure the safety of them and to prevent environmental pollution.

**Project title:** Suppression of hepatocarcinogenesis and progression of liver cancer

**Approval number:** 2014-184

**Animal used in this experiment:** AlbCre mice, STAT3fl/fl mice, AlbCreSTAT3fl/fl mice

**Start date:** April 2014

**Expiration date:** March 2015

**Kurume University Animal Experiment Committee**

**Chairman Koichi Kuwano**

