

March 30th, 2012

Certificate of approval

This is to certify that Dr. Takafumi Yoshida currently holds an approved genetic recombination experiment for the following project.

All researchers involved in this experiment must follow the respective law and regulation, and take through measures to ensure the safety of them and to prevent environmental pollution.

Project title: Investigation into the role of signal transducer and activator of transcription (STAT)-3 in hepatocellular carcinoma (HCC)

Approval number: 23-34

Start date: April 2012

Expiration date: March 2016

**Genetic Recombination Experiments Committee
Kurume University**

**Kensei Nagata
President**

A handwritten signature in black ink, appearing to read 'Kensei Nagata', written in a cursive style.