

Animal care and use statement

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Title: SphK1 Dependent PKC- δ Activation Play an Important Role
in Acute Liver Failure in Mice

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The animal protocol was designed to minimize pain or discomfort to the animals. The
animals were acclimatized to laboratory conditions (23°C, 12h/12h light/dark, 50%
humidity, *ad libitum* access to food and water) for two weeks prior to experimentation.
Intragastric gavage administration was carried out with conscious animals, using straight
gavage needles appropriate for the animal size (15-17 g body weight: 22 gauge, 1 inch
length, 1.25 mm ball diameter). All animals were euthanized by barbiturate overdose
(intravenous injection, 150 mg/kg pentobarbital sodium) for tissue collection.

Signature: Yan-Chang Lei Date: 2015-11-10

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