


# Ethical Review of Medical Research on Animals

(NO. 2017-228)

<b>Project Name</b>	The therapeutic effect of metformin on carbon tetrachloride induced fibrotic mice		
<b>Project Leader</b>	Chunqing Zhang	<b>Professional Title</b>	M.D.
<b>Funding</b>	National Natural Science Foundation of China (NSFC) (No. 81370590)		
<b>Significance&amp;Aim</b>	To find novel target for developing therapeutic interventions to treat liver fibrosis.		
<b>Usage of Animals</b>	Mouse		
<b>Breeds&amp;Size of Animals</b>	Male C57BL/6 mice weighing 20-22g	<b>Quantities</b>	30
<b>Damage to &amp;Disposal of Animals</b>	The fibrotic mouse model was induced by intraperitoneal injection with carbon tetrachloride (CCl <sub>4</sub> ) and treated with metformin. Mice were sacrificed under anesthesia at the end of the experiment.		
<b>Venue</b>	Laboratory Animal Center in Shandong Provincial Hospital Affiliated to Shandong University		
<b>Duration</b>	May 15, 2017 to July 30, 2017		
<b>Others</b>			
<b>Review Result</b>	<input checked="" type="checkbox"/> <b>agree</b>	✓	
	<input type="checkbox"/> <b>agree after revision</b>		
	<input type="checkbox"/> <b>disagree(project terminated or suspended)</b>		
<b>Comments</b>	<p>The animals are treated properly in the whole process. The research hereby is approved by the Medical Ethics Committee of Shandong Provincial Hospital affiliated to Shandong University.</p> <p style="text-align: center;">   <b>Animal Medical Ethics Committee</b>  <b>Shandong Provincial Hospital Affiliated to Shandong University</b> </p>		