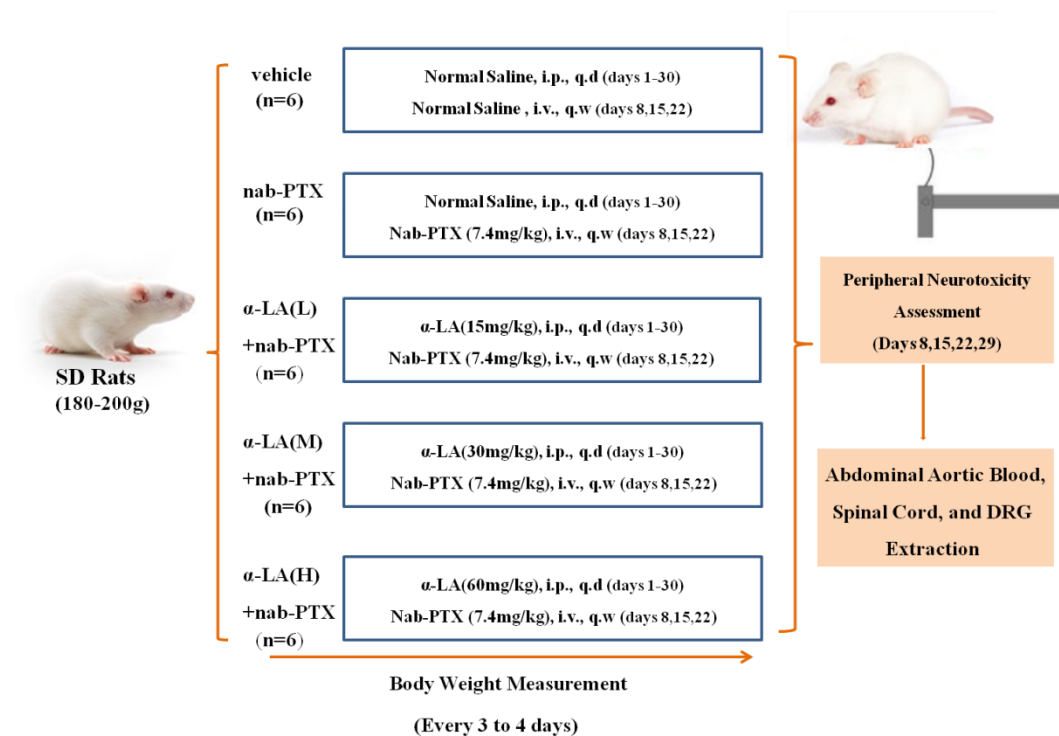
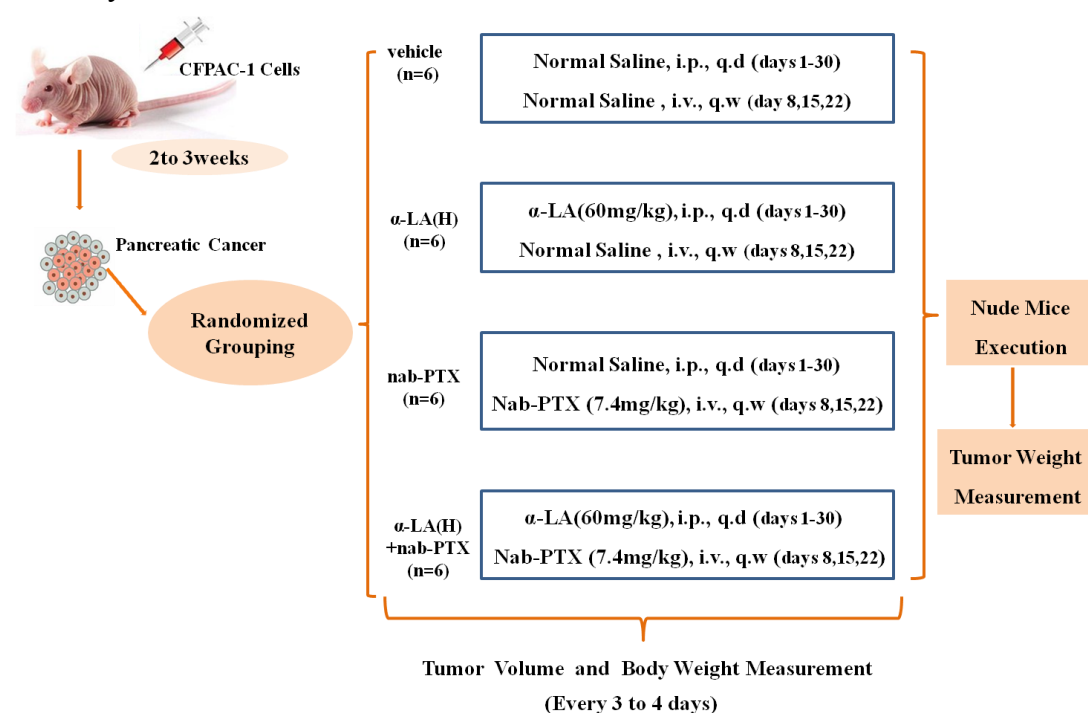


## Supplementary Materials

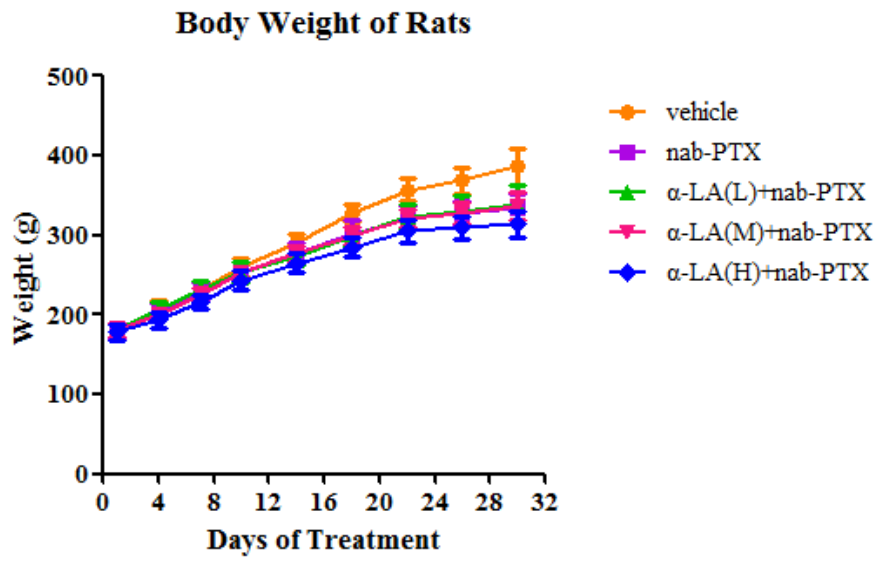
1. Supplementary Figure 1: Experimental groups and protocol of study on neurotoxicity protection by  $\alpha$ -LA



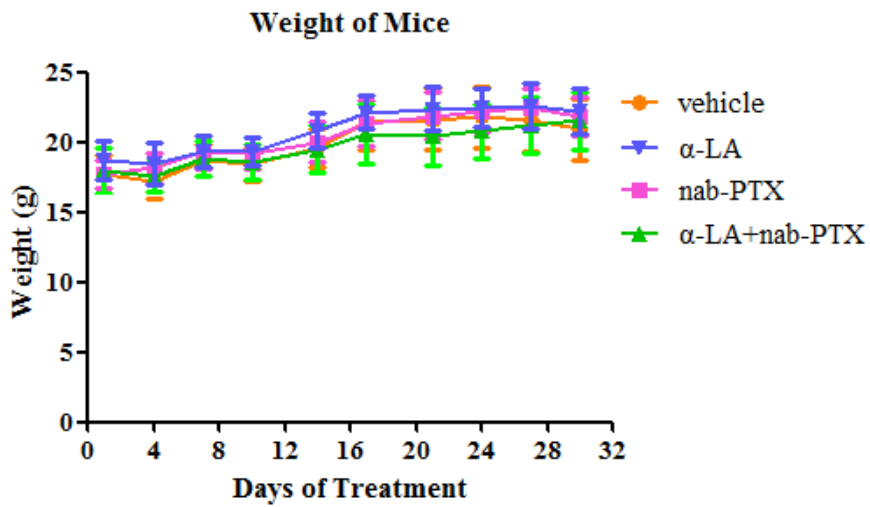
2. Supplementary Figure 2: Experimental groups and protocol of study on anti-tumor effect by  $\alpha$ -LA



3. Supplementary Figure 3: Changes of body weight (g) in rats



4. Supplementary Figure 4: Changes of body weight (g) in nude mice





## 5. Supplementary File 1: Experimental Animals Ethics Committee of School of Pharmacy Fudan University

### Experimental Animal Ethics Committee of School of Pharmacy Fudan University

Description outlining the justification for using animals, the proposed use of animals and the significance of the research documentation

Ethical approval number: (2017-10-LY-CWM-01)

<b>Project title</b>	Efficacy of $\alpha$ -lipoic acid on peripheral neuropathy and anti-tumor effect of nab-paclitaxel				
<b>Category</b>	Foundation _____	Clinical trials _____	Medication <input checked="" type="checkbox"/>		
<b>Project source</b>	Self-initiated project				
<b>Research institute</b>	School of Pharmacy Fudan University			<b>Head</b>	Mingwei Wang
<b>Department/ Faculty</b>	Clinical Pharmacy	<b>Principal investigator</b>	Weimin Cai	<b>Title</b>	Professor
<b>Ethics review comments</b>					
<input checked="" type="checkbox"/> $\Delta$ Agree	<input type="checkbox"/> $\Delta$ Agree after modification		<input type="checkbox"/> $\Delta$ Disagree (Termination or suspension of the project)		
<p><b>Review comments</b>                  The project is compliance with ethical standards and is approved through the examination and discussion of the materials submitted.</p>					
<b>Chairman (signature)</b>			 Experimental Animal Ethics Committee School of Pharmacy, Fudan University (Stamp)		
Date: Oct. 10, 2017					