

## Supplementary Material

# Enhancement of Soft Tissue Sarcoma Response to Gemcitabine through Timed Administration of a Short-Acting Anti-Angiogenic Agent

Jin Cheng<sup>a</sup> John Fuller<sup>a</sup> Regina Feldman<sup>a</sup> William Tap<sup>b</sup> Takashi Owa<sup>c</sup>  
Zvi Fuks<sup>d</sup> Richard Kolesnick<sup>a</sup>

<sup>a</sup>Laboratory of Signal Transduction, Memorial Sloan Kettering Cancer Center, New York, NY, USA, <sup>b</sup>Sarcoma Medical Oncology Service, Memorial Sloan Kettering Cancer Center, New York, NY, USA, <sup>c</sup>Oncology Business Group, Eisai Co Ltd, Koishikawa, Bunkyo-Ku, Tokyo, Japan, <sup>d</sup>Department of Radiation Oncology, Memorial Sloan Kettering Cancer Center, New York, NY, USA

**Table S1:**

	<b>50mg/kg (4 mice)</b>	<b>100mg/kg (2 mice)</b>	<b>150mg/kg (3 mice)</b>	<b>200mg/kg (3 mice)</b>
<b>0-2 hours</b>	Good Condition	Good Condition	Good Condition	Slight Lethargy
<b>2-24 hours</b>	Good Condition	Good Condition	Good Condition	Good Condition
<b>24-48 hours</b>	Good Condition	Good Condition	Good Condition	Good Condition
<b>48-72 hours</b>	Good Condition	Good Condition	Good Condition	Good Condition

**Table S1. Acute lenvatinib toxicity trial.** Lenvatinib was resuspended at 5mg/ml in sterile water in a light protected vial and mixed for 4 hours at 4°C. Lenvatinib was delivered to sv129/BL6 mice via oral gavage at four doses: 50, 100, 150, 200 mg/kg. Three mice were used for each dose. Mice were observed closely for tremors, convulsions, salivation, diarrhea, lethargy, sleepiness and coma during the first two hours, and thereafter every 8 hours until 72 hours, followed by daily for 7 days. No reaction was observed in any of the mice beyond slight lethargy in the highest dose group within the first 5 to 10 min after initial gavage. Control mice receiving a comparable volume of sterile water alone displayed a similar reaction (not shown). Lenvatinib-treated mice were housed for 60 days. Lenvatinib-treated mice were housed for 60 days. All treated mice were viable at that time with no signs or symptoms of stress or toxicity.