

Supplementary Table 6

Mean±SD	Vehicle	Imatinib	Cisplatin	Imatinib+Cisplatin	
<b>Breeding round 1</b>	6.9±2.4	6.3±2.1	5.4±1.9	5.1±2.0	
<b>Breeding round 2</b>	8.4±2.5*	7.8±2.6	5.4±2.5	5.7±2.0 <sup>##</sup>	
<b>Breeding round 3</b>	7.3±2.6***	6.7±2.7**	6.5±2.5	7.3±2.9 <sup>###</sup>	
<b>Breeding round 4</b>	7.6±2.8	7.3±2.5	5.9±2.3	7.0±2.9	
<b>Breeding round 5</b>	6.9±2.5	5.9±3.0	5.6±3.0	6.6±2.6	
<b>Breeding round 6</b>	4.8±3.4	6.6±1.9	4.6±2.4	4.9±1.5	
n=number of litters	PBS	Imatinib	Cisplatin	Imatinib+Cisplatin	
<b>Breeding round 1</b>	19	24	29	28	
<b>Breeding round 2</b>	19	24	30	26	
<b>Breeding round 3</b>	17	23	24	22	
<b>Breeding round 4</b>	17	21	17	17	
<b>Breeding round 5</b>	7	18	8	12	
<b>Breeding round 6</b>	5	11	5	7	Total
<b>Total</b>	84	121	113	112	430

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### **Prior treatment with imatinib does not impact on cisplatin-induced effects on litter**

**size.** The average number of pups per litter and the number of litters are shown for each breeding round of C57BL/6 mice, for each treatment group. Results represent Mean  $\pm$  Standard Deviation (SD). \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$  for comparison with treatment with cisplatin. All other comparisons versus cisplatin treatment NS, including all imatinib+cisplatin results. ##  $p < 0.01$ , ###  $p < 0.001$  for comparison of imatinib+cisplatin versus PBS. All other comparisons with vehicle were NS. NS – non-significant  $p > 0.05$ .