

## **Organ Biodistribution of Radiolabelled $\delta\gamma$ T Cells Following Liposomal Alendronate Administration in Different Mice Tumour Models**

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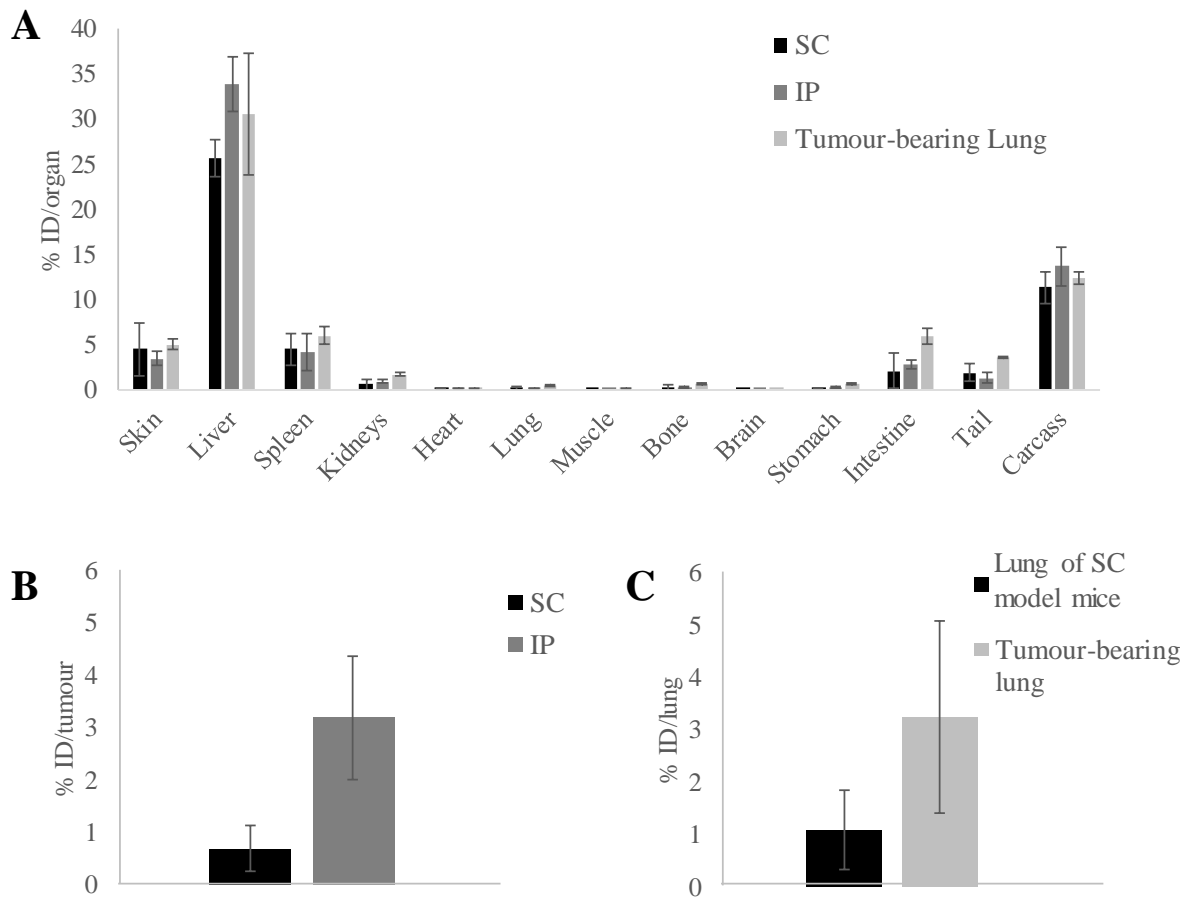
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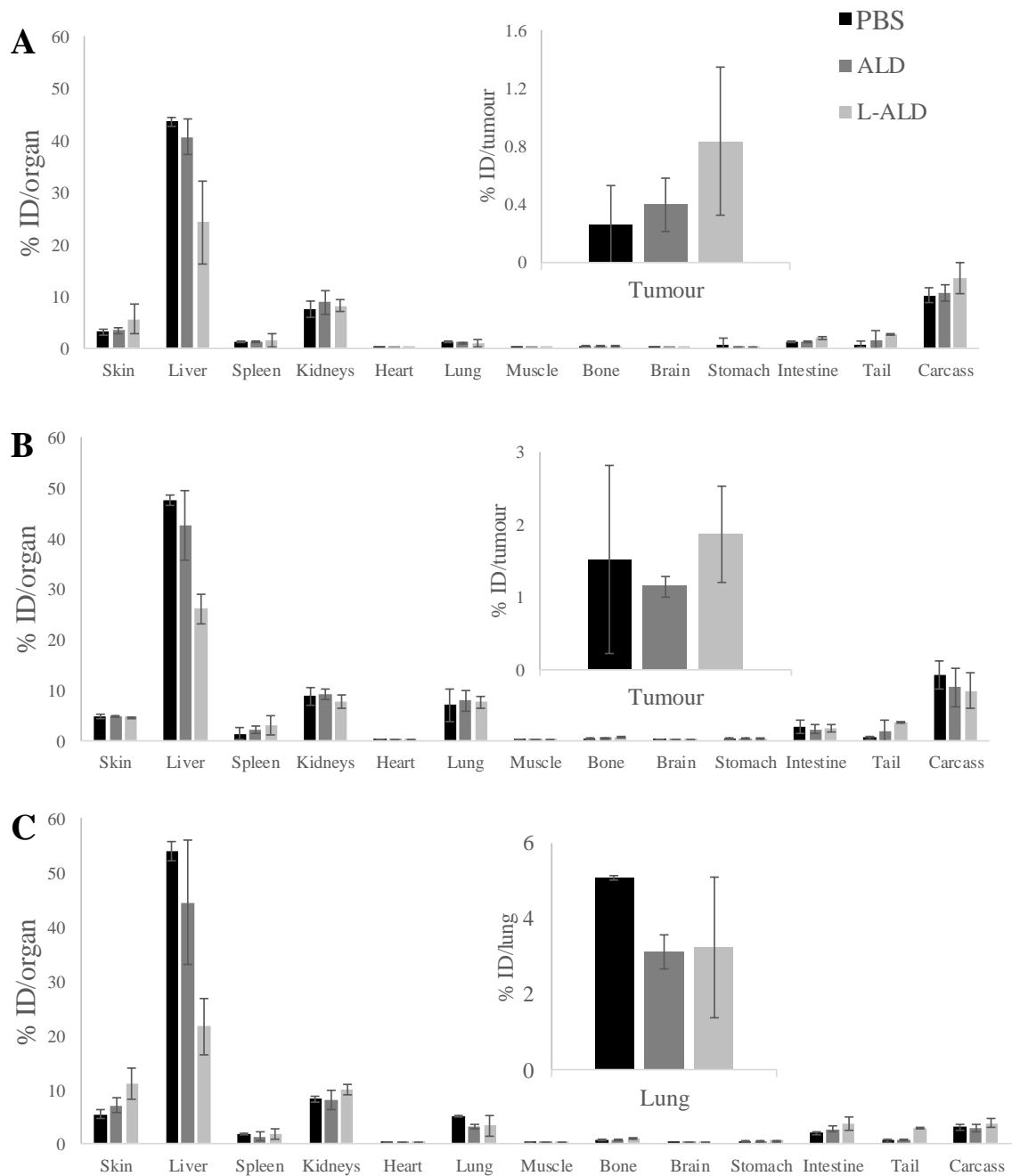
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## SUPPLEMENTARY FIGURES



**Figure S1: *In vivo* Biodistribution of radiolabelled [<sup>111</sup>In]L-ALD in A375Pβ6 tumours, after single dose administration *via* tail vein injection in NSG mice.** NSG mice were inoculated with the A375Pβ6 cell line to form subcutaneous (SC), intraperitoneal (IP) or pseudo-metastatic lung tumours. Mice were i.v. injected with [<sup>111</sup>In]L-ALD at a dose of 2 μmol lipid/mouse. After 24 h the mice were sacrificed and the amount of liposomes was quantified by gamma counting. **(A)** Organ biodistribution of [<sup>111</sup>In]L-ALD expressed as per cent injection dose organ (%ID). **(B)** SC-tumour and IP-tumours uptake of [<sup>111</sup>In]L-ALD expressed as %ID. **(C)** Tumour-bearing lung and healthy lung uptake of [<sup>111</sup>In]L-ALD expressed as %ID. Data was expressed as mean ± SD (n=4)



**Figure S2: *In vivo* biodistribution of radiolabelled  $\gamma\delta$  T cells in A375P $\beta$ 6 tumour bearing NSG mice, after single dose administration *via* tail vein injection.** NSG mice were inoculated with luciferase-expressing A375P $\beta$ 6 cell line to form (A) subcutaneous (SC), (B) intraperitoneal (IP) or (C) pseudo-metastatic lung tumours. Mice were i.v. injected with [ $^{111}$ In] $\gamma\delta$  T cells at a dose of  $5 \times 10^6$   $\gamma\delta$  T cells/mouse. Mice were pre-treated with 0.5  $\mu$ mol ALD or L-ALD, 24 h prior to injection of  $\gamma\delta$  T cells. After 24 h the mice were sacrificed and the amount of  $\gamma\delta$  T cells was quantified by gamma counting. Results are expressed as percentage injection dose (%ID) per organ. Data was expressed as mean  $\pm$  SD (n=4).