

Dynamics of the release anti-tumor agent (liposomal cisplatin) - Suncus murinus -

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Abstract

Previously, we searched for the lymphatic applicability as the route of administration of a controlled-release anti-tumor drug using a mouse. The purpose of this research reduced the whole dosage by administering directly anticancer drug around the tumor, as a result, it was to prove that a side effect doesn't appear and moreover that it was also able to effect the metastasis cancer cell into a regional lymph node. However, even though the dose was reduced, it couldn't be proved that a side effect doesn't occur in a mouse. We inspected a result by a mouse in the past and got a result like a mouse using the *Suncus murinus* by which it's proved to indicate a vomit reaction as a side effect by the Cisplatin which is being used as an anti-tumor drug this time. Moreover, the dosage without causing vomiting in the body, and the enough amount which also indicates anti-tumor action in the local site was detected.