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***Camptosorus sibiricus* Rupr Aqueous Extract Prevents Lung Tumorigenesis via Dual Effects against ROS and DNA Damage**

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Abstract:

Ethnopharmacological relevance:

Camptosorus sibiricus Rupr (CSR) is a widely used herbal medicine with antivasculitis, antitrauma, and antitumor effects. However, the effect of CSR aqueous extract on B[a]P-initiated tumorigenesis and the underlying mechanism remain unclear. Moreover, the compounds in CSR aqueous extract need to be identified and structurally characterized.

Aim of the study:

We aim to investigate the chemopreventive effect of CSR and the underlying molecular mechanism.

Materials and methods:

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