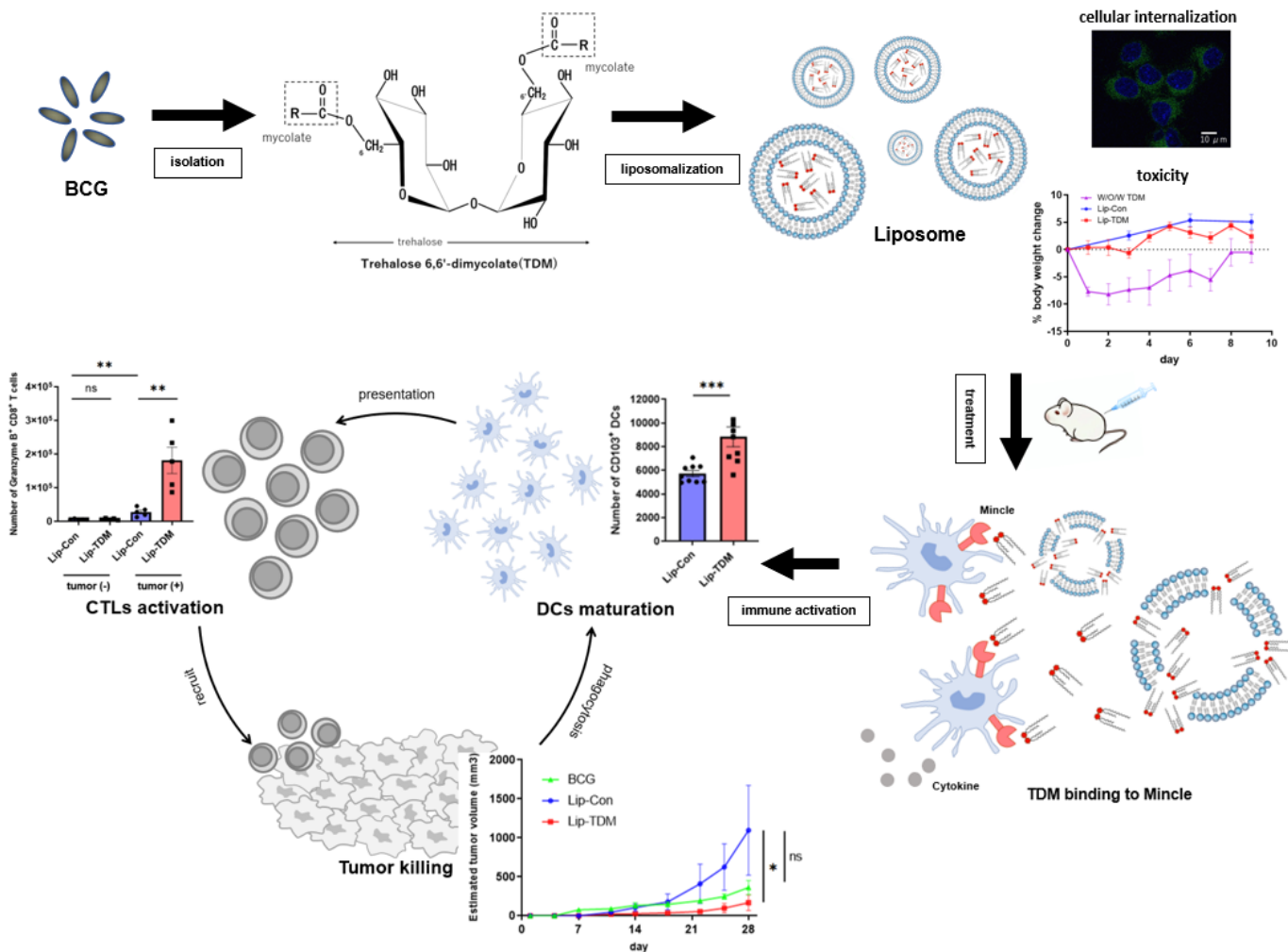


The liposome of trehalose dimycolate extracted from *M. bovis* BCG induces antitumor immunity via the activation of dendritic cells and CD8⁺ T cells



【Key Message】

- We developed cationic liposomes incorporating TDM purified from BCG Connaught.
- Lip-TDM exerted a strong antitumor effect in three cancer-bearing mouse models comparable to or more than that of BCG with no body weight loss or granuloma formation.
- The antitumor effects of Lip-TDM were mediated by CD8⁺ T cells via the activation of dendritic cells induced by TDM.
- Lip-TDM has potential as a safe and effective treatment for various cancers as a Mincle agonists.

References: Shiga M et al. Cancer Immunol Immunother.

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