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Therapeutic efficacy of rebamipide-loaded PLGA nanoparticles coated with chitosan in mouse model for oral mucositis induced by cancer chemotherapy

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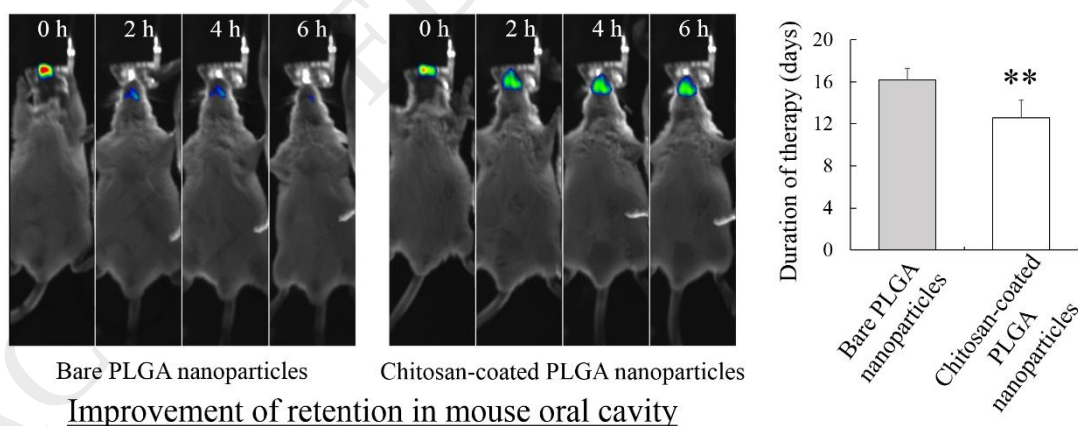
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Graphical abstract



Improvement of retention in mouse oral cavity

Highlights

- Rebamipide-loaded PLGA nanoparticles coated with chitosan were prepared.
- The nanoparticles had relatively high mucin adsorptive capacity.
- Sustained release and retention in oral cavity of nanoparticles were confirmed.
- The nanoparticles shortened the treatment period of oral mucositis in vivo.

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