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Title: Multiple polysaccharide-drug complex-loaded liposomes: A unique strategy in drug loading and cancer targeting

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1 **Highlights**

- 2 • A complex of a cationic drug and anionic biodegradable polymer improved drug
3 loading capacity.
- 4 • The complex could be used for chemotherapeutic applications.
- 5 • Hybrid liposome co-loaded with polysaccharide drug complex enhanced the
6 anticancer effect.
- 7 • The ratiometric combination of doxorubicin and cisplatin induced apoptosis.
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