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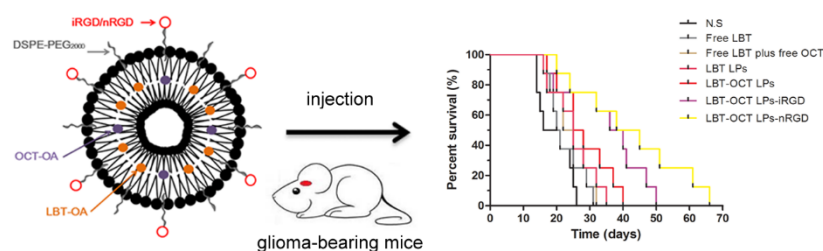
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Graphical Abstract



Highlights

- A delivery system for overcoming multi-barriers in glioma treatment was developed.
- Combination of lycobetaine and octreotide showed synergistic antitumor effect.
- nRGD was used as a targeting ligand and exhibited the anti-glioma efficacy.
- nRGD increased tumor targeting, glioma penetrability and TAMs-depletion capability.

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