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Title: Antimicrobial Coatings on Polyethylene Terephthalate Based on Curcumin/Cyclodextrin Complex Embedded in a Multilayer Polyelectrolyte Architecture

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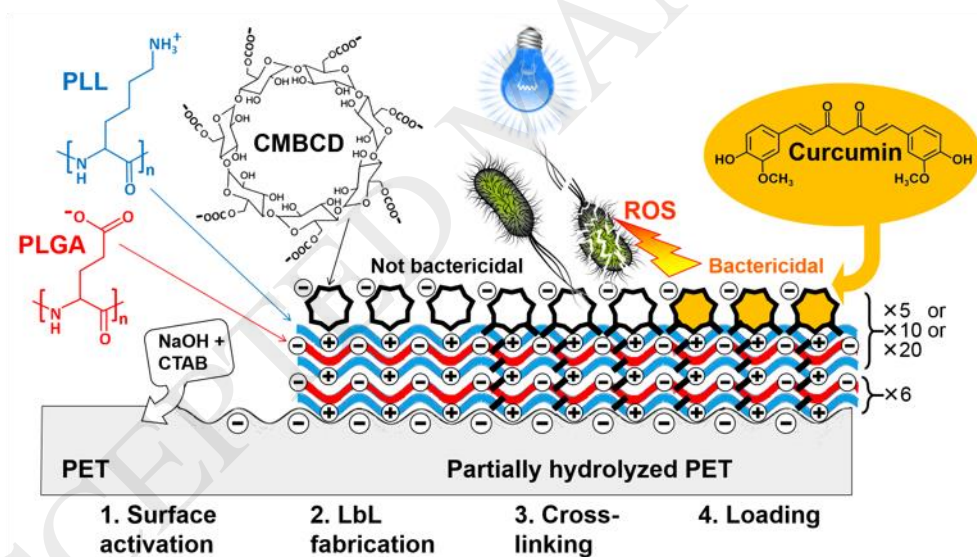
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Graphical abstract



Highlights

- Photo-triggered LbL antimicrobial surface coating is reported
- It consists of polyaminoacid and cyclodextrin multilayer loaded with curcumin
- The coatings' antimicrobial activity in the dark was further increased by light
- Cross-linking with EDC/NHS yielded stable non-leaching coatings

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