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Title: Controllable Degradation Rates, Antibacterial, Free-Standing and Highly Transparent Films Based on Polylactic acid and Chitosan

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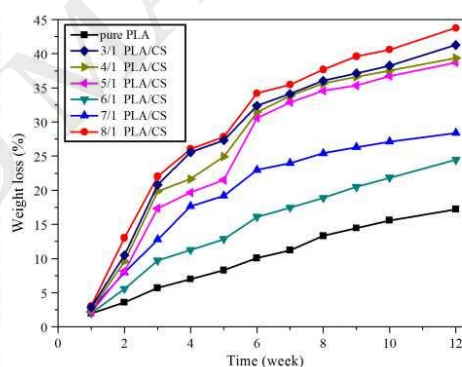
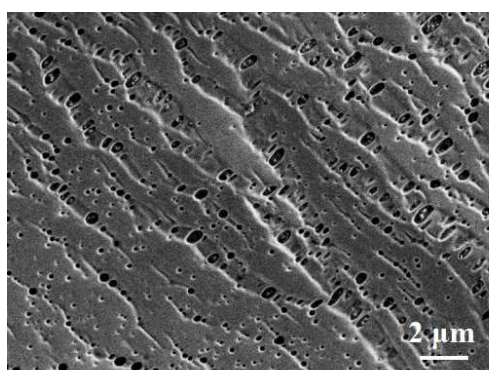
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Graphical abstract



Highlights:

- The transparent degradable films with porous structure can be easily mass produced without substrates.
- The degradation rates of polylactic acid(PLA)-based films can be easily tuned by changing pore sizes in a controlled way.
- The antibacterial, free-standing and highly transparent PLA-based films have great potential applications in biomedical fields and food packaging areas.

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