

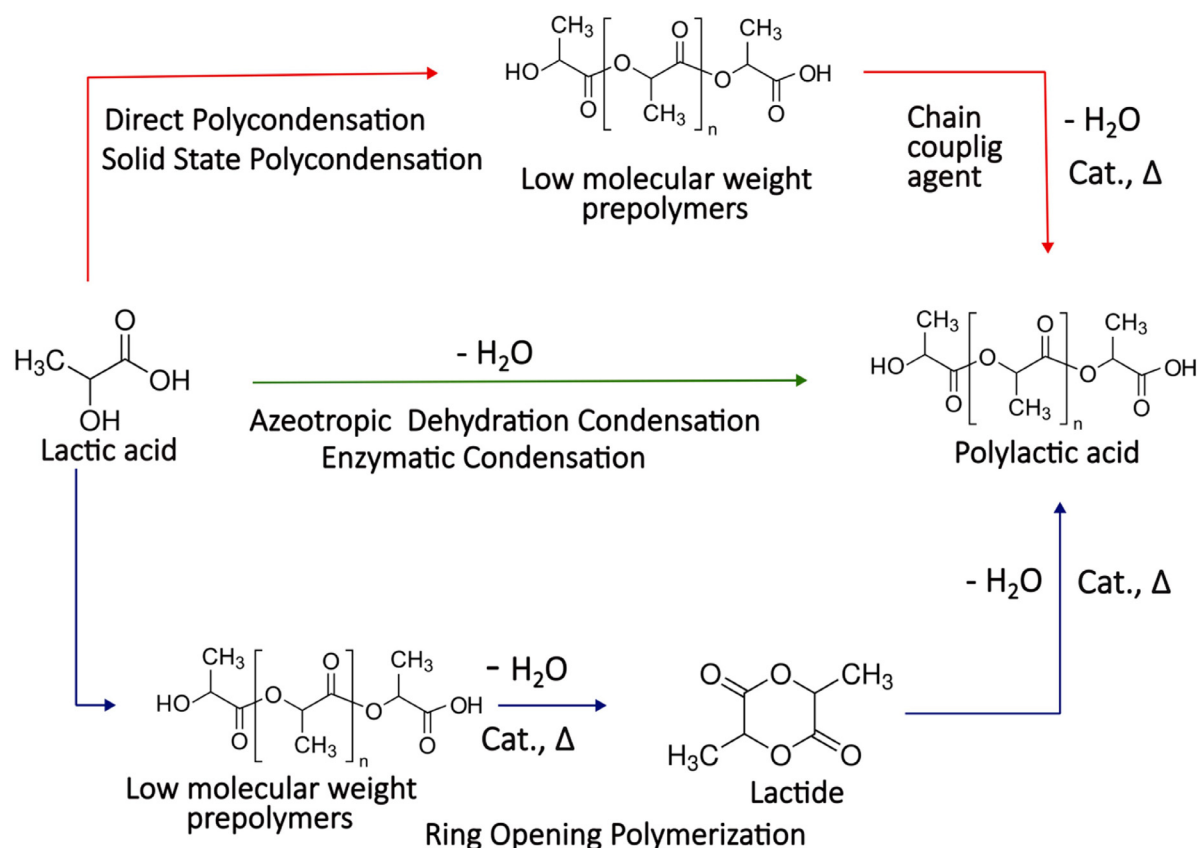


A review on PLA-based biodegradable materials for biomedical applications

Review

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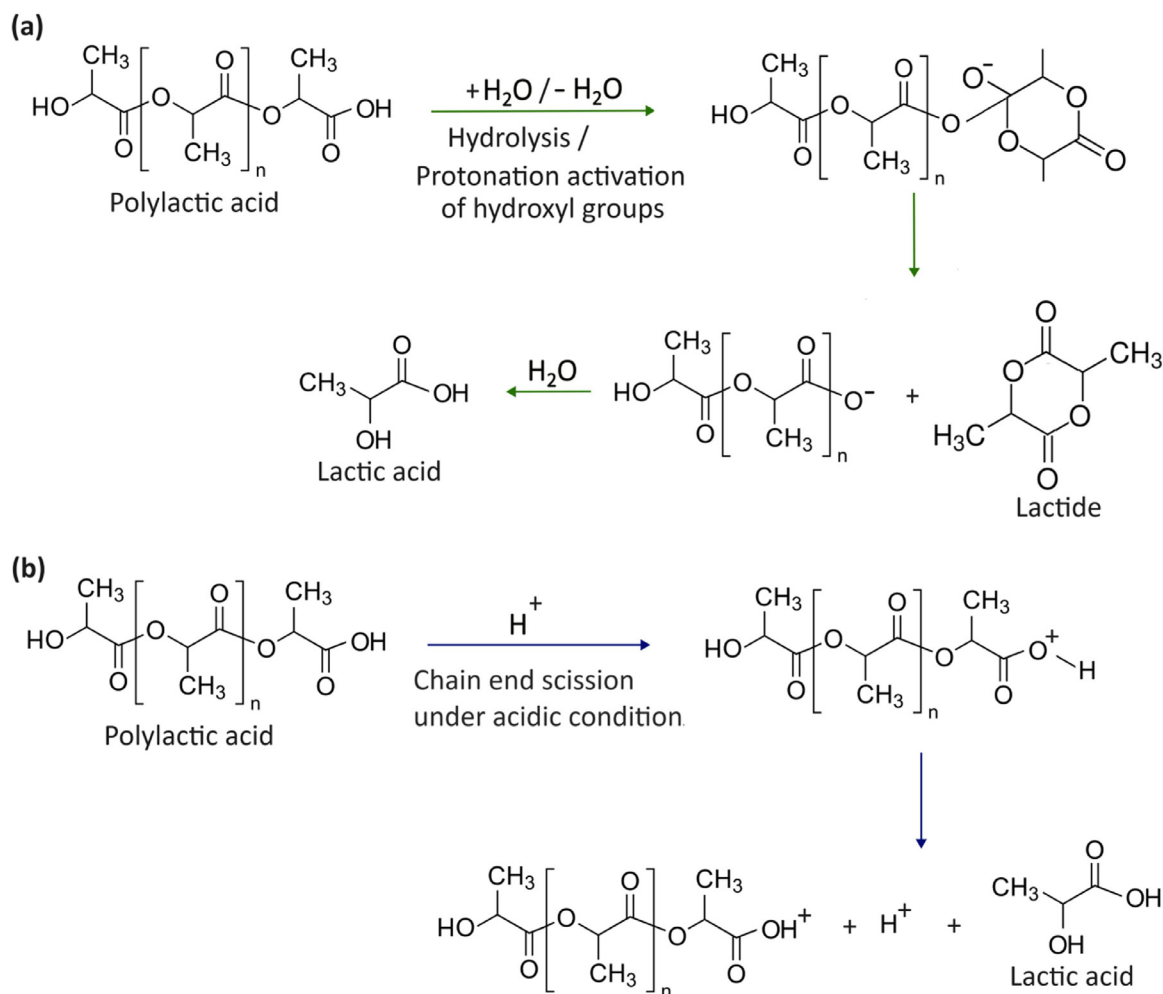


Table 7 (continued)

Ref.	Matrix material	Reinforcement material	Fabrication method	Biocompatibility	Degradation results	Mechanical results
[337]	PLA	HA (70:30) Particle size – 50 to 80 nm	FDM	Bone growth is significantly higher than pure PLA	Enhanced degradation rate	Compressive strength – 25 MPa Decrease in compressive as compressive pure PLA
[338]	PLA	HA (50:50) Particle size – 75 nm	FDM	Vascular bundles allows the construction of large volume bone tissues in vivo trials		

