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Title: Horseradish peroxidase-catalyzed formation of hydrogels from chitosan and poly(vinyl alcohol) derivatives both possessing phenolic hydroxyl groups

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21 Highlights

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- 23 •Hydrogels were obtained from chitosan and PVA derivatives both possessing Ph groups.  
24 •Hydrogelation was achieved through horseradish peroxidase-catalyzed reaction  
25 •Gelation time could be controlled from 20 s to 2 min.  
26 •Fibroblastic cells spread on hydrogel of 3% chitosan and 1% PVA derivatives.

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