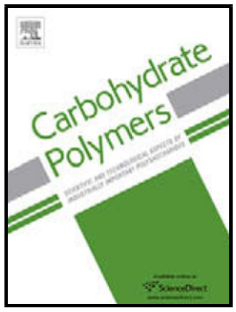

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Synthesis of novel grafted hyaluronic acid with antitumor activity

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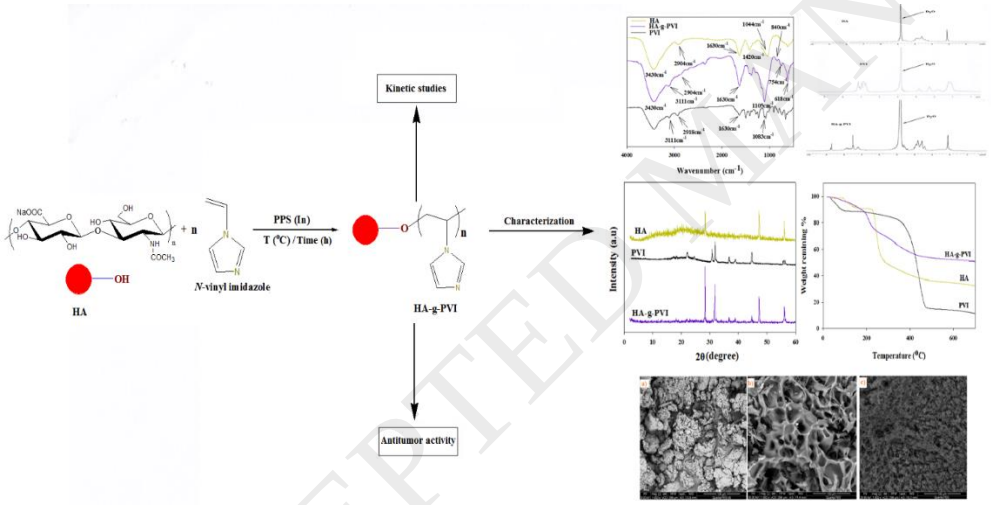
Graphical abstract



Highlights

- Synthesis of novel grafted hyaluronic acid with poly (*N*-vinyl imidazole) (HA-g-PVI).
- Kinetic studies of HA-g-PVI
- Elucidation of grafted structure via different analysis tools.
- Study of antitumor activity of HA-g-PVI against *HepG-2* and *MCF-7* cell lines.