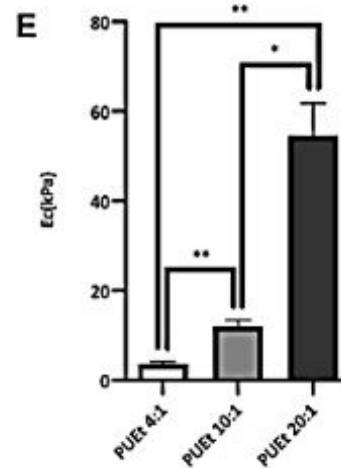
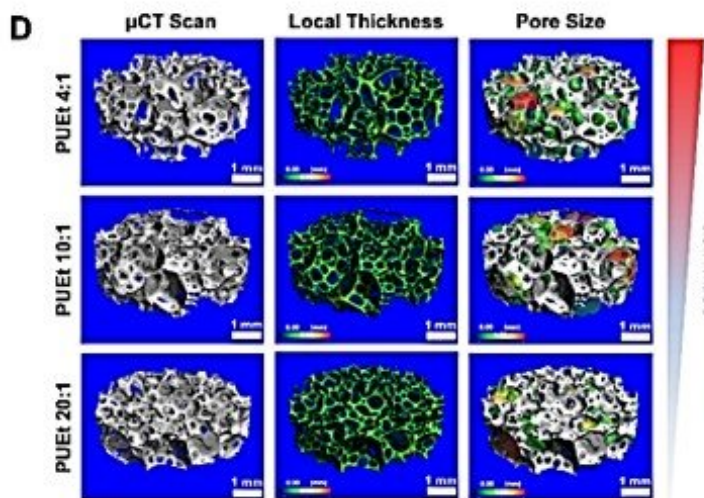
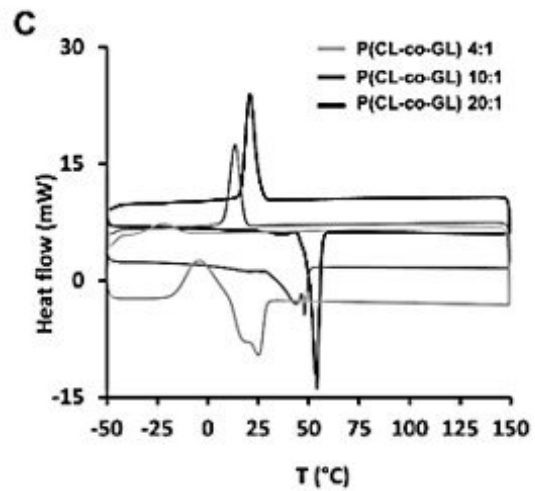
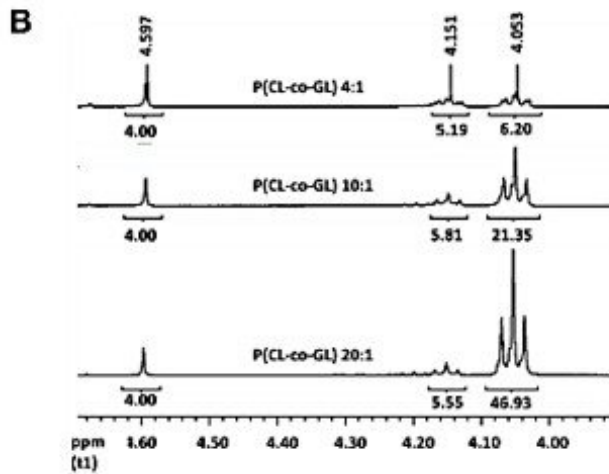
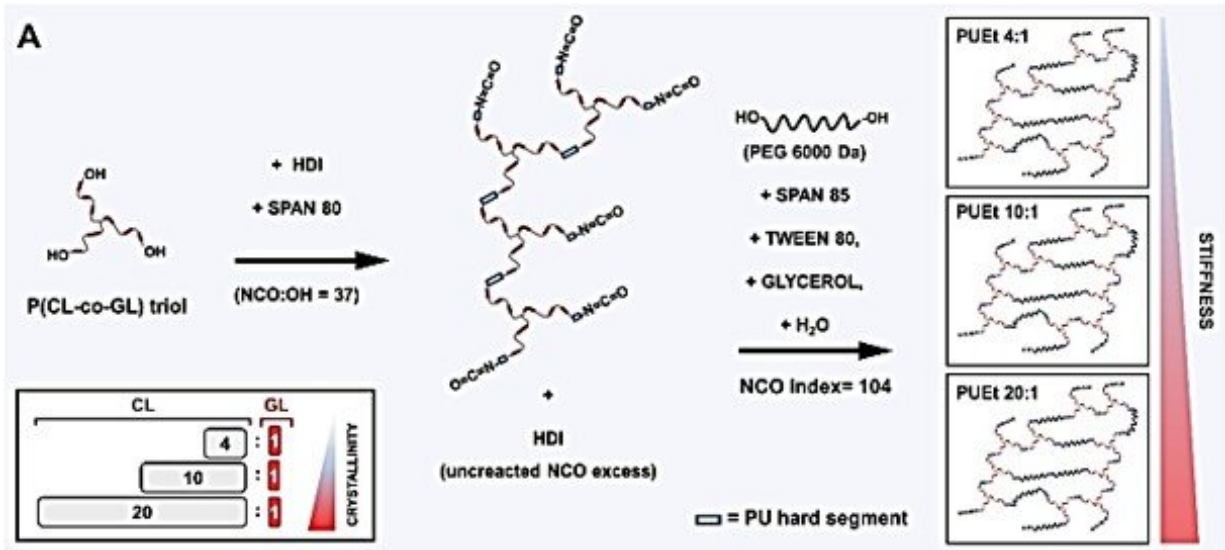


Soft tissue regeneration in a cell-free scaffold microenvironment

July 7 2021, by Thamarasee Jeewandara



(A) Schematic representation of the synthetic route of 3 PUEt scaffolds of different stiffnesses, starting from 3 polyester triols: P(CL-co-GL) of different CL:GL ratios and accordingly of different crystallinities. Physicochemical properties of the 3 PUEt scaffolds formulations and the related precursors: (B) ¹HNMR spectra of the 3 polyesters P(CL-co-GL) 4:1, P(CL-co-GL) 10:1, P(CL-co-GL) 20:1 showing correspondence between the ratio between CL and GL in the final products compared to the reactants; (C) DSC traces overlay of the 3 polyesters showing different thermal properties as a functions of the ratio CL:GL; (D) μ CT scan micrograph (up), graphical rendering of the local thickness (middle) and of the pore size (bottom) of the 3 scaffolds formulations PUEt 4:1, PUEt 10:1 and PUEt 20:1; (E) graphical representation of the compression elastic moduli (E_c) of the 3 scaffolds formulations, showing statistically significant difference between: PUEt 10:1 and PUEt 20:1 (*p

Citation: Soft tissue regeneration in a cell-free scaffold microenvironment (2021, July 7) retrieved 23 April 2024 from <https://medicalxpress.com/news/2021-07-soft-tissue-regeneration-cell-free-scaffold.html>

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