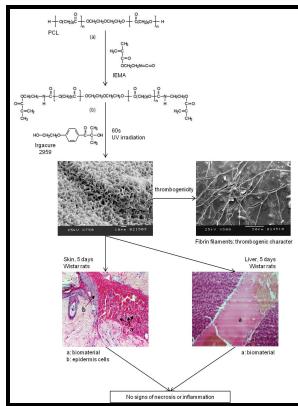


Synthesis and characterization of UV-crosslinkable peptide-based polymers for the use in glaucoma treatment

National Library of Canada - Rescue the retina after the ischemic injury by polymer



Description: -

-Synthesis and characterization of UV-crosslinkable peptide-based polymers for the use in glaucoma treatment

-

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Concepts for efficient preparation of particulate polymer carrier systems by droplet

Then, the realization, characterization and biomedical application of natural and synthetic thermoresponsive hydrogels are critically presented. An amphiphilic l-amino acid polymer formed self-assembled nanoparticles smaller than 200 nm in size, encapsulating both the green fluorescent drug curcumin and the red fluorescent probe Nile red to give FRET activity. Electrochemical Approach To Detect Apoptosis.

Squishy Materials Seminars

We fabricated three crosslinked porphyrin-based polyimides PPBPI-CRs from PEPHQDA, TAPP and three terminal anhydrides PA, PEPA and PENA via alkynyl groups crosslinking reactions.

Patents

A polymer therapeutic was designed for a combination therapy of breast cancer. By employing an oxidation-sensitive MRI probe, the researchers could monitor and stratify tumors based on higher MRI signal from the increasing inflammation. This enzyme-responsive strategy has been used by Seattle Genetics in their commercial ADCETRIS antibody—drug conjugate for intracellular-specific drug release.

Patents

When hyperthermia is not desired and control of the dosage is required, it is necessary to design a platform in which local heating on the nanoscale releases the therapeutic cargo without the bulk heating of the surrounding medium. In addition, there are dual stimuli-responsive polymers that simultaneously respond to more than one stimulus. B The thickness of newly formed skin surface.

Synthesis and Characterization of a Small, Membrane

In the resulting system, several drug delivery strategies were combined in the same nanocarrier in a simple way and coordinated in an optimal fashion. B Cy5 FRET ratio of conjugate when incubated with different concentrations of papain.

Synthesis and Characterization of a Small, Membrane

Nature Publishing Group, 6, pp.

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