REVERSIBLE CROSS-LINKED POLYMERS FOR DRUG DELIVERY

THERAPEUTICS
In situ gelling hydrogels formed from self-healing, reversible, cross-linked polymers mixed at body temperature for drug delivery and injection.

TECHNOLOGY TYPE
Drug Delivery

STAGE OF DEVELOPMENT
Proof of concept demonstrated through testing of the hydrogel.

IP PROTECTION
Continuation Issued
Polymeric Compositions and Methods of Making and Using Thereof
US8747870B2

FEATURES AND BENEFITS
- Exhibits stability under most pH conditions.
- Has bio-adhesive, shear thinning, and viscoelastic properties.
- Reduces cytotoxicity.
- Facilitates rapid gelation of hydrogels in situ.
- Enables use in high stress applications.

INVENTORS
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