

Title (en)

DELIVERY OF LONG LASTING THERAPEUTIC AGENTS BY FORMING COVALENT ATTACHMENTS IN VIVO

Title (de)

VERABREICHUNG ÜBER LÄNGERE ZEIT WIRKSAMER THERAPEUTISCHEN MITTEL DURCH BILDUNG KOVALENTER BINDUNGEN IN VIVO

Title (fr)

APPORT LOCAL D'AGENTS THERAPEUTIQUES A ACTION PROLONGEE

Publication

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Application

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Abstract (en)

[origin: WO9948536A2] Methods of and compositions for localized delivery of therapeutic agents which are capable of forming covalent bonds with a site of interest are disclosed. Therapeutic agents useful in the invention include wound healing agents, antibiotics, anti-inflammatories, anti-oxidants, anti-proliferatives, immunosuppressants, anti-infective and anti-cancer agents.

[origin: WO9948536A2] This invention relates to the field of therapeutic agents in medicine. In particular, this invention relates to the field of localized delivery of therapeutic agents wherein the agents are capable of covalently bonding to a site of interest *in vivo*, to provide increased tissue retention and pharmacodynamic duration of therapeutic benefit for the given drug. In addition, the invention includes the non-specific labeling of fixed blood proteins and tissues with N-Hydroxy-Succinimide (NHS)-drugs and sulfo-NHS drugs, although other reactive groups, which are functional in an aqueous medium such as blood, may also be employed.

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