

Slow Release Drug Conjugates for Local Eye Therapy for Diseases

Tech ID: 19662 / UC Case 2003-113-0

TECHNOLOGY DESCRIPTION

University researchers have invented an approach to develop compounds the use of which would lessen the need for surgical placement and replacement of intravitreal implants for treating chronic vitreoretinal diseases. Frequent injections of therapies can lead to retinal detachment and endophthalmitis, and are extremely inconvenient to the patient. By developing a compound that has the property of being intravitreally injectable and long-acting, University researchers have come up with a way to administer therapy to the eye that does not require surgery or frequent injections. Animal studies have confirmed that the half-life of a therapeutic may be extended to between 8 to 20 weeks, or more.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	8,017,135	09/13/2011	2003-113

CONTACT

University of California, San Diego
Office of Innovation and Commercialization
innovation@ucsd.edu
tel: 858.534.5815.



INVENTORS

- Freeman, William R.

OTHER INFORMATION

CATEGORIZED AS

- **Medical**
 - Delivery Systems
 - Disease: Dermatology
 - Disease: Ophthalmology and Optometry

RELATED CASES

2003-113-0