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(71) Applicants *(for all designated States except US)*: **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US). **PEREGRINE PHARMACEUTICALS, INC.** [US/US]; 14282 Franklin Avenue, Tustin, CA 92780-7017 (US).

(72) Inventors: **THORPE, Philip, E**; 5511 Morningside Ave, Dallas, TX 75206 (US). **LUSTER, Troy, A**; 11227 Pelican Dr, Dallas, TX 75238 (US). **KING, Steven w.**; 12 Copious Lane, Ladera Ranch, CA 92694 (US).

(74) Agent: **FUSSEY, Shelley, P., M**; Peregrine Pharmaceuticals, Inc., 5353 W. Alabama, Suite 306, Houston, TX 77056 (US).

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(54) Title: FC-FUSION CONSTRUCTS BINDING TO PHOSPHATIDYLSERINE AND THEIR THERAPEUTIC USE

(57) Abstract: Disclosed are new phosphatidylserine binding constructs with surprising combinations of properties, and a range of diagnostic and therapeutic conjugates thereof. The new constructs effectively bind phosphatidylserine targets in disease and enhance their destruction, and can also specifically deliver attached imaging or therapeutic agents to the disease site. Also disclosed are methods of using the new construct compositions, therapeutic conjugates and combinations thereof in tumor vasculature targeting, cancer diagnosis and treatment, and for treating viral infections and other diseases.

WO 2006/079120 A3