

IMPROVED DETECTION AND THERAPY OF LESIONS
WITH BIOTIN/AVIDIN CONJUGATES

ABSTRACT

Uses of compositions in methods for detecting and/or treating targeted lesions in a patient are provided. The compositions used are comprised of

a targeting composition comprising a biotin and targeting protein conjugate or an avidin and targeting protein conjugate;

optionally, a clearing composition comprised of avidin, when the targeting composition is a biotin conjugate, or biotin, when the targeting composition is a avidin conjugate;

a detection or therapeutic composition comprised of a conjugate of avidin or biotin with a targeting protein and detection or therapeutic agent; and,

optionally, another detection or therapeutic composition comprised of avidin or biotin conjugated to a detection or therapeutic agent.

The compositions, methods of use, and kits for use are also provided.