

ABSTRACT OF THE DISCLOSURE

5 This invention relates to compositions that are radiolabeled scintigraphic
imaging agents, comprising a polybasic compound covalently linked to a
radiolabel binding moiety and the composition further comprising a polysulfated
glycan. The invention also provides methods for producing and using such
compositions. Specifically, the invention relates to compositions comprised of
technetium-99m (Tc-99m) labeled scintigraphic imaging agents comprising a
polybasic compound having at least 5 chemical functionalities that are basic at
physiological pH and a radiolabel-binding moiety, the composition further
10 comprising a polysulfated glycan, the composition being capable of accumulating
at inflammatory sites *in vivo*. Methods and kits for making such compositions,
and methods for using such compositions to image sites of infection and
inflammation in a mammalian body, are also provided.

This Sheet Has Been Replaced

