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(54) Title: VEGFR-1/NRP-1 TARGETING PEPTIDES

(57) Abstract: The present invention concerns the fields of molecular medicine and targeted delivery of therapeutic agents. More specifically, the present invention relates to the identification of novel peptide sequences that incorporate the amino acids Leu-Pro-Arg (LPR), and particularly _D(LPR), that selectively target VEGFR-I and NRP-I expressing cells. Targeted molecules in accordance with the invention are useful in the treatment and detection of neovascular or angiogenic VEGF associated disorders, including but not limited to cancer, obesity, diabetes, asthma, arthritis, cirrhosis and ocular diseases.



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