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(54) Title: PREDICTING RESPONSE TO A VEGF ANTAGONIST

(57) Abstract: The invention describes the use of high CD31 and/or tumor VEGFA as selection criteria for determining patient benefit or responsiveness to a VEGF antagonist, such as bevacizumab. The present invention also describes the use of high CD31 and/or tumor VEGFA as a selection criterion for treating cancer patients, such as ovarian cancer patients, who are undergoing a chemotherapy and/or anti-cancer therapy regimen, with a VEGF antagonist, such as bevacizumab.

