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(54) Title: METHODS AND COMPOSITIONS FOR TREATMENT OF HEMATOLOGIC CANCERS

(57) Abstract: The present invention relates to oncolytic Picornaviruses and methods and compositions for treating subjects having hematologic cancers. These include methods and compositions for treatment of myeloma, using disclosed Picornavirus such as Cocksackievirus, in methods of direct or indirect administration to subjects and *ex vivo* purging of malignant cells within auto grafts prior to transplantation.

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