

STRONG CHILDREN'S RESEARCH CENTER

Summer 2014 Research Scholar

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School: University of Rochester

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ABSTRACT

Title: Treatment of RUNX1-Mutated Acute Myeloid Leukemia with Focal Adhesion Kinase Inhibitors

Background:

ation is a loss-of- ing and non-expressing cell lines at 24 hours, as well as sample 121813. Lower concentrations (100 nM, 1 μ M) of Compound 14 and PF-562271 had little effect on the colonizing ability of both FAK expressing and non-expressing cells. Although doses higher than 10 mM were toxic to both FAK expressers and non-expressers in culture, we believe that the lower concentrations are capable of effectively inhibiting FAK; the process of lysing he cells has yet to be optimized.

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