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Title: Success of measles virotherapy in ATL depends on type I interferon secretion and responsiveness

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Highlights

CD4 T cell tumor lines differ in their type I interferon responsiveness

Functionally, this leads to differences in susceptibility to measles virus virotherapy

These differences are not only observed in vitro but are also reflected in a mouse model

These findings promise to help to refine virotherapy by analyzing leukemic cells from patients

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