

Methods for Identifying Antiviral Agents Against Human Herpesviruses

Published date: Feb. 1, 2012

Technology description

Summary

A Strategy for Identifying Compounds that Block DNA Synthesis of Tumorigenic KSHV/HHV-8

Description

Kaposi's sarcoma-associated herpes virus (KSHV), or HHV-8, has been implicated in several human cancers such as Kaposi's sarcoma, the most common neoplasm of AIDS patients. KSHV is also strongly associated with certain lymphomas, especially multiple myeloma, a form of bone cancer. In order to develop an anti-viral strategy and to screen chemical compounds for their potential to perturb DNA synthesis and replication of KSHV, researchers at the University of Pennsylvania have described a convenient colorimetric microliter plate assay. This method can be easily adopted for high-throughput robotic- screening of thousands of compounds. The described method can also be adopted for HHV-6, another virus which has been closely associated with multiple sclerosis.

Institution

[University of Pennsylvania](#)

联系我们



叶先生

电话：021-65679356

手机：13414935137

邮箱：yeyingsheng@zf-ym.com