ID de Contribution: 28 Type: Non spécifié

Viral transactivators shape the nucleus of human B-cells for oncogenesis

Recently we discovered a novel mechanism explaining how B-cell lymphomas might be induced in HIV-infected persons. HIV-positive subjects have an increased risk to develop specific lymphoma subtypes including Burkitt lymphoma (BL). We found that the viral transactivator of transcription (Tat) protein, which is released by infected cells into the blood stream, could remodel the B-cell nucleus bringing together the potential translocation partners, the MYC loci at the chromosome 8 and the IGH loci at the chromosome 14, thus increasing the probability of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation break in the vicinity of the t(8;14) translocation of a double strand break in the vicinity of the t(8;14) translocation of a double strand break in the vicinity of the t(8;14) translocation of a double strand break in the vicinity of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the mobility of the t(8;14) translocation characteristic of BL. Tat induces the t(8;14) translocation characteristic of BL. Tat induces the t(8;14) translocation characteristic of BL. Tat induces the induces the

Auteurs principaux: Dr GERMINI, Diego (CNRS UMR8126); Dr SALL, Fatimata Bintou (CNRS UMR8126); Dr

LIPINSKI, Marc (CNRS UMR8126); Dr VASSETZKY, Yegor (CNRS UMR8126)

Orateur: Dr VASSETZKY, Yegor (CNRS UMR8126)