

Title (en)

METHOD FOR IN VITRO CULTURE OF VIRUSES OF THE TOGAVIRIDAE AND FLAVIVIRIDAE FAMILY AND USES

Title (de)

VERFAHREN FÜR DIE IN VITRO ZÜCHTUNG VON VIREN DER FAMILIEN TOGAVIRIDAE UND FLAVIVIRIDAE UND IHRE ANWENDUNGEN

Title (fr)

PROCEDE DE CULTURE IN VITRO DE VIRUS DES FAMILLES TOGAVIRIDAE ET FLAVIVIRIDAE ET APPLICATIONS

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Application

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Abstract (en)

[origin: FR2796962A1] The invention concerns a method of culturing, propagating and replicating in vitro viruses of the <i>Togaviridae</i> and <i>Flaviviridae</i> families which consists in: providing at least a fraction of LVP's obtained from serum or plasma of a patient infected with at least a virus of the <i>Togaviridae</i> and <i>Flaviviridae</i> families; contacting said fraction, for a predetermined time interval in an appropriate culture medium, with permissive cells having an endocytosis path relayed by at least one receptor of the lipoproteins and modulated inter alia by an activating agent selected among an unsaturated fatty acid or an unsaturated fatty acid derivative comprising 16 to 20 carbon atoms or their mixture. The invention also concerns the uses of viral particles and polypeptides obtained by said method.

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