Title: USE OF SENDAI VIRUS AS A HUMAN PARAINFLUENZA VACCINE

Abstract: Immunogenic compositions to protect against human parainfluenza (hPIV) virus infection are provided. The compositions comprise an unmodified Sendai virus that can be safely administered to human subjects, particularly young children, to protect against symptoms and health risks associated with hPIV infection.
# INTERNATIONAL SEARCH REPORT

## A. CLASSIFICATION OF SUBJECT MATTER

- **IPC(7)**: A61K 39/12; C12Q 1/70
- **US CL**: 424/211.1; 435/5

According to International Patent Classification (IPC) or to both national classification and IPC.

## B. FIELDS SEARCHED

- Minimum documentation searched (classification system followed by classification symbols)
  - **U.S.**: 424/211.1; 435/5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched.

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
</table>

- Further documents are listed in the continuation of Box C.
- See patent family annex.

Date of the actual completion of the international search: 24 August 2004 (24.08.2004)

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Date of mailing of the international search report: 22 SEP 2004

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Form PCT/ISA/210 (second sheet) (January 2004)
Continuation of B. FIELDS SEARCHED Item 3:
EAST, CASONLINE, MEDLINE, BIOSIS, EMBASE, CAPLUS, SCISEARCH
search terms: hurwitz, slobod, portner, coleclough;Sendai, human parainfluenza, hpiv, piv, immunization, vaccination, cross-protection, respiratory, t-cell response