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(54) Title: METHODS OF ISOLATING POXVIRUSES FROM AVIAN CELL CULTURES

(57) Abstract: The present invention relates to methods of producing poxvirus viral vector-based vaccine products from avian cell lines. In some embodiments, the avian cells are suspension quail cell lines. Pharmaceutical compositions such as vaccines produced by the methods of the invention are also provided. In some embodiments, the poxvirus viral vector is Modified Vaccinia Virus Ankara ("MVA") or recombinant MVA. In some embodiments, the recombinant MVA encodes heterologous antigens and can be used to produce a vaccine against the antigens. In some embodiments, the recombinant MVA encodes antigens of Respiratory Syncytial Virus (RSV) and the avian cells are used to produce a vaccine against RSV comprising the recombinant MVA and/or the encoded antigens.



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