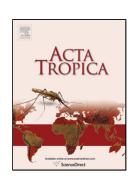
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ACCEPTED MANUSCRIPT

Newcastle disease virus strain AF2240 as an oncolytic virus: a review

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Declarations of interest: none

Highlights:

- The history and current development of a Malaysian isolate, NDV AF2240 as an oncolytic virus.
- Mechanism of NDV-induced extrinsic and intrinsic apoptosis, tumour selective apoptosis via p38 MAPK/NF-κB/IκBα pathway in cancer cell is elaborated.
- Th1 immunomodulatory properties of AF2240 is elucidated.
- Challenges of AF2240 oncolysis against drug-resistant and persistently infected cancer cells are discussed.

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