

Accepted Manuscript

Title: Non-toxic perfringolysin O and α -toxin derivatives as potential vaccine candidates against bovine necrohaemorrhagic enteritis

Author: S. Verherstraeten, E. Goossens, B. Valgaeren, B. Pardon, L. Timbermont, F. Haesebrouck, R. Ducatelle, P. Deprez, F. Van Immerseel

PII: S1090-0233(16)30156-3
DOI: <http://dx.doi.org/doi: 10.1016/j.tvjl.2016.09.008>
Reference: YTVJL 4881

To appear in: *The Veterinary Journal*

Accepted date: 28-9-2016

Please cite this article as: S. Verherstraeten, E. Goossens, B. Valgaeren, B. Pardon, L. Timbermont, F. Haesebrouck, R. Ducatelle, P. Deprez, F. Van Immerseel, Non-toxic perfringolysin O and α -toxin derivatives as potential vaccine candidates against bovine necrohaemorrhagic enteritis, *The Veterinary Journal* (2016), <http://dx.doi.org/doi: 10.1016/j.tvjl.2016.09.008>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Original Article**Non-toxic perfringolysin O and α -toxin derivatives as potential vaccine candidates against bovine necrohaemorrhagic enteritis**

S. Verherstraeten ^a, E. Goossens ^a, B. Valgaeren ^b, B. Pardon ^b, L. Timbermont ^a, F. Haesebrouck ^a, R. Ducatelle ^a, P. Deprez ^b, F. Van Immerseel ^{a,*}

^a *Department of Pathology, Bacteriology and Avian Diseases, Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, B-9820 Merelbeke, Belgium*

^b *Department of Internal Medicine and Clinical Biology of Large Animals, Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, B-9820 Merelbeke, Belgium*

* Corresponding author. Tel.: +32 9 264 7748.

E-mail address: filip.vanimmerseel@ugent.be (F. Van Immerseel).

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/5544971>

Download Persian Version:

<https://daneshyari.com/article/5544971>

[Daneshyari.com](https://daneshyari.com)