

Accepted Manuscript

Research paper

DNA vaccination for cervical cancer: Strategic optimisation of RALA mediated gene delivery from a biodegradable microneedle system

Grace Cole, Ahlam A. Ali, Cian M. McCrudden, John W. McBride, Joanne McCaffrey, Tracy Robson, Vicky L. Kett, Nicholas J. Dunne, Ryan F. Donnelly, Helen O. McCarthy

PII: S0939-6411(17)31334-6
DOI: <https://doi.org/10.1016/j.ejpb.2018.02.029>
Reference: EJPB 12709

To appear in: *European Journal of Pharmaceutics and Biopharmaceutics*

Received Date: 19 November 2017
Revised Date: 20 February 2018
Accepted Date: 20 February 2018

Please cite this article as: G. Cole, A.A. Ali, C.M. McCrudden, J.W. McBride, J. McCaffrey, T. Robson, V.L. Kett, N.J. Dunne, R.F. Donnelly, H.O. McCarthy, DNA vaccination for cervical cancer: Strategic optimisation of RALA mediated gene delivery from a biodegradable microneedle system, *European Journal of Pharmaceutics and Biopharmaceutics* (2018), doi: <https://doi.org/10.1016/j.ejpb.2018.02.029>

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.



DNA vaccination for cervical cancer: Strategic optimisation of RALA mediated gene delivery from a biodegradable microneedle system

Grace Cole¹, Ahlam A. Ali¹, Cian M. McCrudden¹, John W. McBride¹, Joanne McCaffrey², , Tracy Robson^{1,3}, Vicky L. Kett¹, Nicholas J. Dunne^{1,4}, Ryan F. Donnelly¹, Helen O. McCarthy^{1*}

*Corresponding Author

¹School of Pharmacy, Queen's University Belfast, Belfast BT9 7BL, Northern Ireland, UK

²Department of Pharmacology and Therapeutics, University College Cork, Cork T12 YN60, Ireland

³Molecular & Cellular Therapeutics, Royal College of Surgeons in Ireland, Dublin 2, Ireland

⁴School of Mechanical and Manufacturing Engineering, Dublin City University, Dublin 9, Ireland

Email: h.mccarthy@qub.ac.uk

Tel.: +44 02890 972149

Fax: +44 02890 247794

Download English Version:

<https://daneshyari.com/en/article/8411996>

Download Persian Version:

<https://daneshyari.com/article/8411996>

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