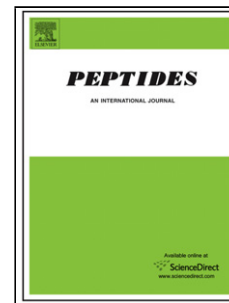


Accepted Manuscript

Title: High throughput screening methods for assessing antibiofilm and immunomodulatory activities of synthetic peptides

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PII: S0196-9781(15)00073-X
DOI: <http://dx.doi.org/doi:10.1016/j.peptides.2015.03.015>
Reference: PEP 69432

To appear in: *Peptides*

Received date: 27-1-2015
Revised date: 17-3-2015
Accepted date: 19-3-2015

Please cite this article as: Haney EF, Mansour S, Hilchie AL, de la Fuente-Núñez C, Hancock REW, High throughput screening methods for assessing antibiofilm and immunomodulatory activities of synthetic peptides, *Peptides* (2015), <http://dx.doi.org/10.1016/j.peptides.2015.03.015>

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High Throughput Screening Methods for Assessing Antibiofilm and Immunomodulatory Activities of Synthetic Peptides

Evan F. Haney, Sarah Mansour, Ashley L. Hilchie, César de la Fuente-Núñez and Robert E.W. Hancock

Highlights

Method to optimize both the antibiofilm and immunomodulatory activities of peptides.

Successfully generated a new peptide, IDR-2009, with an enhanced activity profile.

IDR-2009 could be a potential treatment for MRSA associated skin infections.

Strengths and imitations of the peptide optimization methodology are discussed.

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