

# Accepted Manuscript

Novel murine model for delayed wound healing using a biological wound dressing with *Pseudomonas aeruginosa* biofilms

Kenneth S. Brandenburg, Diego F. Calderon, Patricia R. Kierski, Charles J. Czuprynski, Jonathan F. McAnulty



PII: S0882-4010(18)30521-7

DOI: [10.1016/j.micpath.2018.05.043](https://doi.org/10.1016/j.micpath.2018.05.043)

Reference: YMPAT 2982

To appear in: *Microbial Pathogenesis*

Received Date: 22 March 2018

Revised Date: 24 May 2018

Accepted Date: 24 May 2018

Please cite this article as: Brandenburg KS, Calderon DF, Kierski PR, Czuprynski CJ, McAnulty JF, Novel murine model for delayed wound healing using a biological wound dressing with *Pseudomonas aeruginosa* biofilms, *Microbial Pathogenesis* (2018), doi: 10.1016/j.micpath.2018.05.043.

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.

Novel Murine Model for Delayed Wound Healing Using a Biological Wound Dressing with  
*Pseudomonas aeruginosa* Biofilms

Kenneth S. Brandenburg PhD<sup>1†</sup>, Diego F. Calderon DVM<sup>2</sup>, Patricia R. Kierski BA<sup>2</sup>,  
Charles J. Czuprynski PhD<sup>1</sup>, Jonathan F. McAnulty DVM PhD<sup>2\*</sup>

1. Department of Pathobiological Sciences, School of Veterinary Medicine, University of Wisconsin—Madison, Madison, Wisconsin, USA
2. Department of Surgical Sciences, School of Veterinary Medicine, University of Wisconsin—Madison, Madison, Wisconsin, USA

† Current location: Dental and Craniofacial Trauma Research and Tissue Regeneration Directorate, U.S. Army Institute of Surgical Research, JBSA Fort Sam Houston, Texas, USA

\*Address correspondence to:

Jonathan F. McAnulty  
Department of Surgical Sciences  
School of Veterinary Medicine  
University of Wisconsin – Madison  
2015 Linden Drive  
Madison, WI 53706  
Phone: (608) 265-2455  
Email: mcanultj@svm.vetmed.wisc.edu

Running Title: *In Vivo* Biofilm Wound Infection

Key words: Biofilm, In Vivo, Murine Model

Download English Version:

<https://daneshyari.com/en/article/8749276>

Download Persian Version:

<https://daneshyari.com/article/8749276>

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