The Biological Response Of Cells To Nanosecond Pulsed Electric Fields Is Dependent On Plasma Membrane Cholesterol

Jody C. Cantu, Melissa Tarango, Hope T. Beier, Bennett L. Ibey

PII: S0005-2736(16)30249-8
DOI: doi: 10.1016/j.bbamem.2016.07.006
Reference: BBAMEM 82267

To appear in: *BBA - Biomembranes*

Received date: 12 February 2016
Revised date: 9 June 2016
Accepted date: 14 July 2016

Please cite this article as: Jody C. Cantu, Melissa Tarango, Hope T. Beier, Bennett L. Ibey, The Biological Response Of Cells To Nanosecond Pulsed Electric Fields Is Dependent On Plasma Membrane Cholesterol, *BBA - Biomembranes* (2016), doi: 10.1016/j.bbamem.2016.07.006

THE BIOLOGICAL RESPONSE OF CELLS TO NANOSECOND PULSED ELECTRIC FIELDS IS DEPENDENT ON PLASMA MEMBRANE CHOLESTEROL

Jody C. Cantu[a*], Melissa Tarango[a], Hope T. Beier[b], and Bennett L. Ibey[c]

[a]General Dynamics Information Technology, JBSA Fort Sam Houston, Texas 78234, USA

[b]Air Force Research Laboratory, 711th Human Performance Wing, Optical Radiation Branch, JBSA Fort Sam Houston, Texas 78234, USA

[c]Air Force Research Laboratory, 711th Human Performance Wing, Radio Frequency Radiation Branch, JBSA Fort Sam Houston, Texas 78234, USA

[*]Corresponding author e-mail: jody.ullery.ctr@us.af.mil

Distribution A: Approved for public release; distribution unlimited (AFRL-RH-FS-JA-2016-115101, 11 Feb 2016).