

Accepted Manuscript

Inhibiting intimal hyperplasia in prosthetic vascular grafts via immobilized all-trans retinoic acid

Elaine K. Gregory, Antonio Webb, Janet M. Vercammen, Megan E. Kelly, Banu Akar, Robert van Lith, Edward M. Bahnson, Wulin Jiang, Guillermo A. Ameer, Melina R. Kibbe



PII: S0168-3659(18)30036-1
DOI: doi:[10.1016/j.jconrel.2018.01.020](https://doi.org/10.1016/j.jconrel.2018.01.020)
Reference: COREL 9134
To appear in: *Journal of Controlled Release*
Received date: 10 May 2017
Revised date: 15 December 2017
Accepted date: 22 January 2018

Please cite this article as: Elaine K. Gregory, Antonio Webb, Janet M. Vercammen, Megan E. Kelly, Banu Akar, Robert van Lith, Edward M. Bahnson, Wulin Jiang, Guillermo A. Ameer, Melina R. Kibbe , Inhibiting intimal hyperplasia in prosthetic vascular grafts via immobilized all-trans retinoic acid. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Corel(2018), doi:[10.1016/j.jconrel.2018.01.020](https://doi.org/10.1016/j.jconrel.2018.01.020)

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.

**Inhibiting Intimal Hyperplasia in Prosthetic Vascular Grafts via Immobilized All-trans
Retinoic Acid**

Elaine K. Gregory,^{1,3} Antonio Webb,⁴ Janet M. Vercammen,^{1,3} Megan E. Kelly,^{1,3} Banu Akar,²
Robert van Lith,^{2,3} Edward M. Bahnson,⁵ Wulin Jiang,^{1,3} Guillermo A. Ameer,^{1-3,**} and Melina R.
Kibbe^{1,3,5**}

¹Department of Surgery, Northwestern University Feinberg School of Medicine, Chicago, IL 60611; ² Biomedical Engineering Department, McCormick School of Engineering, Northwestern University, Evanston, IL 60201; ³ Simpson Querrey Institute for BioNanotechnology, Northwestern University, Chicago, IL 60611; ⁴ The University of Florida, Gainesville, FL 32611; and ⁵Department of Surgery, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599

**Authors share senior authorship.

Running Head: Gregory, atRA-POC-ePTFE Inhibits Intimal Formation

Author Contributions: EKG, AW, JMV, MEK, RV, EMB, WJ, BA, GAA and MRK participated in data collection and/or data analysis; EKG drafted the manuscript; EKG, AW, JMV, RV, BA, EMB, GAA and MRK edited and revised the manuscript; EKG, EMB, GAA, and MRK approved final version of manuscript; GAA and MRK secured funding for the project.

Address for Correspondence:

Melina R Kibbe, MD

Department of Surgery 4041 Burnett Womack

101 Manning Drive

Chapel Hill, NC 27599-7050

Tel: 919-966-4320

Email: melina_kibbe@med.unc.edu

Download English Version:

<https://daneshyari.com/en/article/7860124>

Download Persian Version:

<https://daneshyari.com/article/7860124>

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