

## Accepted Manuscript

Distribution of polymer nanoparticles by convection-enhanced delivery to brain tumors

Jennifer K. Saucier-Sawyer, Young-Eun Seo, Alice Gaudin, Elias Quijano, Eric Song, Andrew J. Sawyer, Yang Deng, Anita Huttner, W. Mark Saltzman

PII: S0168-3659(16)30193-6  
DOI: doi: [10.1016/j.jconrel.2016.04.006](https://doi.org/10.1016/j.jconrel.2016.04.006)  
Reference: COREL 8209

To appear in: *Journal of Controlled Release*

Received date: 23 January 2016  
Revised date: 16 March 2016  
Accepted date: 5 April 2016



Please cite this article as: Jennifer K. Saucier-Sawyer, Young-Eun Seo, Alice Gaudin, Elias Quijano, Eric Song, Andrew J. Sawyer, Yang Deng, Anita Huttner, W. Mark Saltzman, Distribution of polymer nanoparticles by convection-enhanced delivery to brain tumors, *Journal of Controlled Release* (2016), doi: [10.1016/j.jconrel.2016.04.006](https://doi.org/10.1016/j.jconrel.2016.04.006)

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.

**Distribution of Polymer Nanoparticles by Convection-Enhanced Delivery to Brain Tumors**

*Jennifer K. Saucier-Sawyer<sup>1</sup>, Young-Eun Seo<sup>1</sup>, Alice Gaudin<sup>1</sup>, Elias Quijano<sup>1</sup>, Eric Song<sup>1</sup>,*

*Andrew J. Sawyer<sup>2</sup>, Yang Deng<sup>1</sup>, Anita Huttner<sup>2</sup>, W. Mark Saltzman<sup>1</sup>*

<sup>1</sup>Department of Biomedical Engineering, Yale University, New Haven, CT 06510, USA

<sup>2</sup>Department of Pathology, Yale University, New Haven, CT 06520, USA

Address for correspondence: W. Mark Saltzman, Department of Biomedical Engineering, Yale University, Malone Engineering Center, 55 Prospect Street, New Haven, CT 06511 USA

Tel: (203) 432-4262 E-mail: mark.saltzman@yale.edu

**Keywords**

Polymer nanoparticles, Convection-enhanced delivery (CED), poly(lactide-co-glycolide), DSPE-PEG, hyperbranched polyglycerol (HPG)

Download English Version:

<https://daneshyari.com/en/article/7861748>

Download Persian Version:

<https://daneshyari.com/article/7861748>

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