# **Accepted Manuscript**



Evaporation and Hydrocarbon Chain Conformation of Surface Lipid Films

Samiyyah M. Sledge, BS, Hussain Khimji, Douglas Borchman, PhD, Alexandria Oliver, MS, Heidi Michael, Emily K. Dennis, BS, Dylan Gerlach, MS, Rahul Bhola, MD, Elsa Stephen, MD

PII: S1542-0124(16)30082-9

DOI: 10.1016/j.jtos.2016.06.002

Reference: JTOS 187

To appear in: Ocular Surface

Received Date: 11 August 2015

Revised Date: 2 May 2016
Accepted Date: 15 June 2016

Please cite this article as: Sledge SM, Khimji H, Borchman D, Oliver A, Michael H, Dennis EK, Gerlach D, Bhola R, Stephen E, Evaporation and Hydrocarbon Chain Conformation of Surface Lipid Films, *Ocular Surface* (2016), doi: 10.1016/j.jtos.2016.06.002.

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.

# ACCEPTED MANUSCRIPT

### Original Research, Ali Djalilian, MD, Editor

#### TITLE: Evaporation and Hydrocarbon Chain Conformation of Surface Lipid Films

AUTHORS: Samiyyah M. Sledge, BS, Hussain Khimji, Douglas Borchman, PhD, Alexandria Oliver, MS, Heidi Michael, Emily K. Dennis, BS, Dylan Gerlach, MS, Rahul Bhola, MD, Elsa Stephen, MD

Short title: Evaporation and Hydrocarbon Chain Conformation of Surface Lipid Films/Sledge et al

#### **FOOTNOTES**

Accepted for publication June 2016.

From the Department of Ophthalmology and Visual Sciences, University of Louisville School of Medicine, Louisville, KY 40202, USA.

This work was supported by the National Institute of Health grant R01 EYO 26180 (DB), the Kentucky Lions Eye Foundation and an unrestricted grant from Research to Prevent Blindness Inc. Dylan Gerlach's and Emily K. Dennis's fellowships were funded by the National Institute of Health, Kentucky Biomedical Research Infrastructure Network grants. Alexander Oliver's and Samiyyah Sledge's research fellowships were funded by the National Institute of Health Summer Cardiovascular Physiology Research Program Minority Grant to the University of Louisville. Heidi Michael's fellowship was funded by the Institute of Molecular Diversity and Drug Design (IMD3), University of Louisville, KY. None of the authors had a conflict of interest. The Raman instrument at the University of Louisville's Conn Center, was made available through a grant from the National Science Foundations Experimental Program to Stimulate Competitive Research (EPSCoR),

The authors have no commercial or proprietary interest in any concept or product discussed in this article.

Single-copy reprint requests to Douglas Borchman, PhD (address below).

Corresponding author: Professor Douglas Borchman, Kentucky Lions Eye Center, 301 E.

Muhammad Ali Blvd., Louisville KY, 40202. Tel: +1 502 852 7435. Fax: +1-502-852-7450.

E-mail address: borchman@louisville.edu

## Download English Version:

# https://daneshyari.com/en/article/8591346

Download Persian Version:

https://daneshyari.com/article/8591346

<u>Daneshyari.com</u>