

Accepted Manuscript

Preparation of antibacterial poly(lactide)/poly(butylene adipate-co-terephthalate) composite films incorporated with grapefruit seed extract

Shiv Shankar, Jong-Whan Rhim



PII: S0141-8130(18)33408-1

DOI: [doi:10.1016/j.ijbiomac.2018.09.004](https://doi.org/10.1016/j.ijbiomac.2018.09.004)

Reference: BIOMAC 10439

To appear in: *International Journal of Biological Macromolecules*

Received date: 6 July 2018

Revised date: 16 August 2018

Accepted date: 2 September 2018

Please cite this article as: Shiv Shankar, Jong-Whan Rhim , Preparation of antibacterial poly(lactide)/poly(butylene adipate-co-terephthalate) composite films incorporated with grapefruit seed extract. *Biomac* (2018), doi:[10.1016/j.ijbiomac.2018.09.004](https://doi.org/10.1016/j.ijbiomac.2018.09.004)

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.

**Preparation of antibacterial poly(lactide)/poly(butylene adipate-co-terephthalate)
composite films incorporated with grapefruit seed extract**

Shiv Shankar, Jong-Whan Rhim*

Center for Humanities and Sciences, Bionanocomposite Research Center, Department of Food
and Nutrition, Kyung Hee University, 26 Kyunghedae-ro, Dongdaemun-gu, Seoul 02447,
Republic of Korea

Running title: Preparation of PLA/PBAT/GSE composite films

* Corresponding author

Phone: +82-2-961-2350

E-mail: jwrhim@khu.ac.kr

Download English Version:

<https://daneshyari.com/en/article/10129214>

Download Persian Version:

<https://daneshyari.com/article/10129214>

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