

Accepted Manuscript

Bioaugmentation with *Clostridium thermocellum* to enhance the anaerobic biodegradation of lignocellulosic agricultural residues

Büşra Ecem Öner, Çağrı Akyol, Mahir Bozan, Orhan Ince, Sevcin Aydın, Bahar Ince

PII: S0960-8524(17)31859-X

DOI: <https://doi.org/10.1016/j.biortech.2017.10.040>

Reference: BITE 19081

To appear in: *Bioresource Technology*

Received Date: 25 August 2017

Revised Date: 6 October 2017

Accepted Date: 8 October 2017

Please cite this article as: Ecem Öner, B., Akyol, C., Bozan, M., Ince, O., Aydın, S., Ince, B., Bioaugmentation with *Clostridium thermocellum* to enhance the anaerobic biodegradation of lignocellulosic agricultural residues, *Bioresource Technology* (2017), doi: <https://doi.org/10.1016/j.biortech.2017.10.040>

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.



**Bioaugmentation with *Clostridium thermocellum* to enhance the anaerobic
biodegradation of lignocellulosic agricultural residues**

Büşra Ecem Öner¹, Çağrı Akyol¹, Mahir Bozan¹, Orhan Ince², Sevcan Aydın^{3*}, Bahar Ince¹

¹ Institute of Environmental Sciences, Boğaziçi University, Bebek, 34342 Istanbul, Turkey

² Department of Environmental Engineering, Istanbul Technical University, Maslak, 34469
Istanbul, Turkey

³ Department of Genetics and Bioengineering, Nişantaşı University, Maslak, 34469, Istanbul,
Turkey

***Corresponding author**

Sevcan AYDIN

Address: Nişantaşı University, Department of Genetics and Bioengineering, Maslak, 34398,
Istanbul, Turkey

Tel: +90 212 210 10 10

E-mail address: sevcan_aydn@hotmail.com

Download English Version:

<https://daneshyari.com/en/article/7068783>

Download Persian Version:

<https://daneshyari.com/article/7068783>

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