

## Accepted Manuscript

Continuous fermentation of xylose to short chain fatty acids by *Lactobacillus buchneri* under low pH conditions

Sathyanarayanan S. Veeravalli, Alexander P. Mathews

PII: S1385-8947(17)32222-2  
DOI: <https://doi.org/10.1016/j.cej.2017.12.100>  
Reference: CEJ 18261

To appear in: *Chemical Engineering Journal*

Received Date: 21 September 2017  
Revised Date: 19 December 2017  
Accepted Date: 20 December 2017



Please cite this article as: S.S. Veeravalli, A.P. Mathews, Continuous fermentation of xylose to short chain fatty acids by *Lactobacillus buchneri* under low pH conditions, *Chemical Engineering Journal* (2017), doi: <https://doi.org/10.1016/j.cej.2017.12.100>

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.

**Continuous fermentation of xylose to short chain fatty acids by *Lactobacillus buchneri* under low pH conditions**

Sathyanarayanan S. Veeravalli<sup>1</sup>, Alexander P. Mathews<sup>1\*</sup>

<sup>1</sup> Department of Civil Engineering, Kansas State University, Fiedler Hall, 1701C Platt Street., Manhattan, KS, 66502; Emails: [sevilim@ksu.edu](mailto:sevilim@ksu.edu) ; [alex@ksu.edu](mailto:alex@ksu.edu)

**Keywords:** continuous immobilized fermentation, xylose, lactic acid, acetic acid, *Lactobacillus buchneri*

\* Author to whom correspondence should be addressed; E-Mail: [alex@ksu.edu](mailto:alex@ksu.edu) ; Tel.: +1 785-532-1582, +1 785-532-7717 (fax).

Download English Version:

<https://daneshyari.com/en/article/6580496>

Download Persian Version:

<https://daneshyari.com/article/6580496>

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