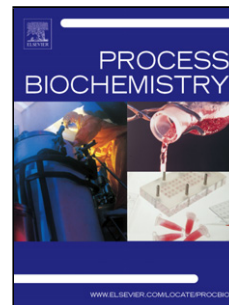


## Accepted Manuscript

Title: Improving the performance of cell biocatalysis and the productivity of acetoin from 2,3-butanediol using a compressed oxygen supply

Authors: Xuelian Zhou, Xin Zhou, Hongyu Zhang, Rou Cao, Yong Xu



PII: S1359-5113(17)30809-7  
DOI: <https://doi.org/10.1016/j.procbio.2017.09.027>  
Reference: PRBI 11169

To appear in: *Process Biochemistry*

Received date: 14-5-2017  
Revised date: 31-8-2017  
Accepted date: 25-9-2017

Please cite this article as: Zhou Xuelian, Zhou Xin, Zhang Hongyu, Cao Rou, Xu Yong. Improving the performance of cell biocatalysis and the productivity of acetoin from 2,3-butanediol using a compressed oxygen supply. *Process Biochemistry* <https://doi.org/10.1016/j.procbio.2017.09.027>

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.

**Improving the performance of cell biocatalysis and the productivity of acetoin  
from 2,3-butanediol using a compressed oxygen supply**

Xuelian Zhou,<sup>abc</sup>Xin Zhou,<sup>abc</sup> Hongyu Zhang<sup>a,b,c</sup>Rou Cao,<sup>abc</sup> Yong Xu,<sup>abc\*</sup>

<sup>a</sup> Jiangsu Co-Innovation Center of Efficient Processing and Utilization of Forest Resources, Nanjing Forestry University, Nanjing 210037, People's Republic of China;

<sup>b</sup> College of Chemical Engineering, Nanjing Forestry University, Nanjing 210037, People's Republic of China;

<sup>c</sup> Jiangsu Province Key Laboratory of Green Biomass-based Fuels and Chemicals, Nanjing 210037, People's Republic of China

\* Correspondence to : College of Chemical Engineering, Nanjing Forestry University, No. 159 Longpan Road, Nanjing, CN 210037 +86-025-85427537. Email: xuyong@njfu.edu.cn

**Improving the performance of cell biocatalysis and the productivity of acetoin  
from 2, 3-butanediol using a compressed oxygen supply**

**Graphical abstract**

Download English Version:

<https://daneshyari.com/en/article/6495544>

Download Persian Version:

<https://daneshyari.com/article/6495544>

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