

# Accepted Manuscript

## Review

Bioconversion of pentose sugars to value added chemicals and fuels: recent trends, challenges and possibilities

Vinod Kumar, Parameswaran Binod, Raveendran Sindhu, Edgard Gnansounou, Vivek Ahluwalia

PII: S0960-8524(18)31145-3  
DOI: <https://doi.org/10.1016/j.biortech.2018.08.042>  
Reference: BITE 20325

To appear in: *Bioresource Technology*

Received Date: 22 June 2018  
Revised Date: 9 August 2018  
Accepted Date: 12 August 2018



Please cite this article as: Kumar, V., Binod, P., Sindhu, R., Gnansounou, E., Ahluwalia, V., Bioconversion of pentose sugars to value added chemicals and fuels: recent trends, challenges and possibilities, *Bioresource Technology* (2018), doi: <https://doi.org/10.1016/j.biortech.2018.08.042>

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.

**Bioconversion of pentose sugars to value added chemicals and fuels: recent trends, challenges and possibilities**

Vinod Kumar<sup>1</sup>, Parameswaran Binod<sup>2</sup>, Raveendran Sindhu<sup>2</sup>, Edgard Gnansounou<sup>3</sup>, and Vivek Ahluwalia<sup>1\*</sup>

<sup>1</sup>Center of Innovative and Applied Bioprocessing, Sector 81, Mohali-160071, Punjab, India

<sup>2</sup>Microbial Processes and Technology Division; CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Trivandrum-695019, Kerala, India

<sup>3</sup>Bioenergy and Energy Planning Research Group, École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland

Download English Version:

<https://daneshyari.com/en/article/11032412>

Download Persian Version:

<https://daneshyari.com/article/11032412>

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