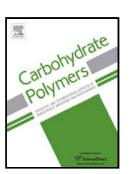
Accepted Manuscript

Title: Bacterial cellulose yield increased over 500% by supplementation of medium with vegetable oil

Authors: Anna Żywicka, Adam F. Junka, Patrycja Szymczyk, Grzegorz Chodaczek, Jakub Grzesiak, Parish Paymon Sedghizadeh, Karol Fijałkowski



PII: DOI: Reference: S0144-8617(18)30781-1 https://doi.org/10.1016/j.carbpol.2018.06.126 CARP 13800

To appear in:

Received date:	23-3-2018
Revised date:	29-6-2018
Accepted date:	30-6-2018

Please cite this article as: Żywicka A, Junka AF, Szymczyk P, Chodaczek G, Grzesiak J, Sedghizadeh PP, Fijałkowski K, Bacterial cellulose yield increased over 500% by supplementation of medium with vegetable oil, *Carbohydrate Polymers* (2018), https://doi.org/10.1016/j.carbpol.2018.06.126

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.

ACCEPTED MANUSCRIPT

Bacterial cellulose yield increased over 500% by supplementation of medium with vegetable oil

Anna Żywicka^a, Adam F. Junka^b, Patrycja Szymczyk^c, Grzegorz Chodaczek^d, Jakub Grzesiak^e, Parish Paymon Sedghizadeh^f, Karol Fijałkowski^{a,*}

^a Department of Immunology, Microbiology and Physiological Chemistry, Faculty of Biotechnology and Animal Husbandry, West Pomeranian University of Technology, Szczecin, Piastów 45, 70-311 Szczecin, Poland; anna.zywicka@zut.edu.pl, karol.fijalkowski@zut.edu.pl
^b Laboratory of Microbiology, Wrocław Research Centre EIT+, Stablowicka 147, Wrocław, Poland; adam.junka@eitplus.pl

^c Center for Advanced Manufacturing Technologies (CAMT/FPC), Faculty of Mechanical Engineering, Wroclaw University of Science and Technology, Łukasiewicza 5, 50-371 Wrocław, Poland; patrycja.e.szymczyk@pwr.edu.pl

^d Laboratory of Confocal Microscopy, Wrocław Research Centre EIT+, Stablowicka 147, Wrocław, Poland; grzegorz.chodaczek@eitplus.pl

^e Laboratory of Scaning Electron Microscopy, Wrocław Research Centre EIT+, Stablowicka
147, Wrocław, Poland; jakub.grzesiak@eitplus.pl

^fCenter for Biofilms, Ostrow School of Dentistry, University of Southern California, Los Angeles, California, United States of America; sedghiza@usc.edu

*Correspondence address: Karol Fijałkowski, Department of Immunology, Microbiology and Physiological Chemistry, Faculty of Biotechnology and Animal Husbandry, West Pomeranian University of Technology, Szczecin, Piastów 45, 70-311 Szczecin, Poland. Tel.: +48 91 4496714; E-mail address: karol.fijalkowski@zut.edu.pl Download English Version:

https://daneshyari.com/en/article/7781347

Download Persian Version:

https://daneshyari.com/article/7781347

Daneshyari.com