



 View PDF

Access through **your institution**

[Purchase PDF](#)

Journal of Biotechnology
Volume 280, Supplement, 30 August 2018, Page S14

Bioprocess engineering

A modified spin filter for overcoming of gas liquid mass transfer problems in a stirred tank bioreactor

German Gelves¹  , Mariana Penuela², Lilibeth Nino²

[Show more](#) 

 Share  Cite

<https://doi.org/10.1016/j.jbiotec.2018.06.041>

[Get rights and content](#)

 Previous

Next 

[Special issue articles](#)

[Recommended articles](#)

[Citing articles \(0\)](#)

[View full text](#)

Copyright © 2018 Published by Elsevier B.V.

FEEDBACK 



ELSEVIER

[About ScienceDirect](#)

[Remote access](#)

[Shopping cart](#)

[Advertise](#)

[Contact and support](#)

[Terms and conditions](#)

[Privacy policy](#)

We use cookies to help provide and enhance our service and tailor content and ads. By continuing you agree to the **use of cookies**.

Copyright © 2021 Elsevier B.V. or its licensors or contributors. ScienceDirect® is a registered trademark of Elsevier B.V.

ScienceDirect® is a registered trademark of Elsevier B.V.

