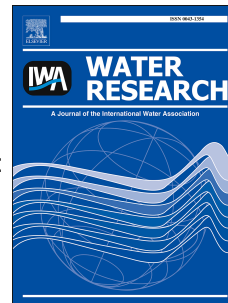


Accepted Manuscript

Impacts of quaternary ammonium compounds on membrane bioreactor performance:
Acute and chronic responses of microorganisms

Mei Chen, Xingran Zhang, Zhiwei Wang, Mingxian Liu, Liang Wang, Zhichao Wu



PII: S0043-1354(18)30099-X

DOI: [10.1016/j.watres.2018.01.073](https://doi.org/10.1016/j.watres.2018.01.073)

Reference: WR 13552

To appear in: *Water Research*

Received Date: 12 November 2017

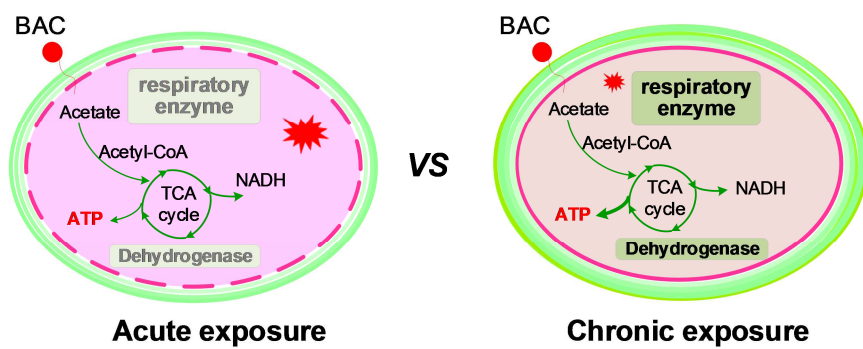
Revised Date: 29 January 2018

Accepted Date: 31 January 2018

Please cite this article as: Chen, M., Zhang, X., Wang, Z., Liu, M., Wang, L., Wu, Z., Impacts of quaternary ammonium compounds on membrane bioreactor performance: Acute and chronic responses of microorganisms, *Water Research* (2018), doi: 10.1016/j.watres.2018.01.073.

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.

Graphical Abstract



ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8874277>

Download Persian Version:

<https://daneshyari.com/article/8874277>

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