### **Accepted Manuscript**

Wavelet-based tracking of bacteria in unreconstructed off-axis holograms

Zach Marin, J. Kent Wallace, Jay Nadeau, Andre Khalil

PII: \$1046-2023(17)30221-9

DOI: http://dx.doi.org/10.1016/j.ymeth.2017.09.003

Reference: YMETH 4316

To appear in: *Methods* 

Received Date: 13 July 2017
Revised Date: 2 September 2017
Accepted Date: 5 September 2017



Please cite this article as: Z. Marin, J.K. Wallace, J. Nadeau, A. Khalil, Wavelet-based tracking of bacteria in unreconstructed off-axis holograms, *Methods* (2017), doi: http://dx.doi.org/10.1016/j.ymeth.2017.09.003

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**

#### Wavelet-based tracking of bacteria in unreconstructed off-axis holograms

Zach Marin<sup>1</sup>, J. Kent Wallace<sup>2,3</sup>, Jay Nadeau<sup>2</sup>, Andre Khalil<sup>1\*</sup>

<u>zachary.connertymarin@maine.edu</u>, <u>james.k.wallace@jpl.nasa.gov</u>, <u>jnadeau@caltech.edu</u>, andre.khalil@maine.edu

\*corresponding author

<sup>&</sup>lt;sup>1</sup>CompuMAINE Laboratory, Department of Mathematics & Statistics, University of Maine, Orono, Maine 04469

<sup>&</sup>lt;sup>2</sup>The Motility Group, Division of Aerospace Engineering, California Institute of Technology, 1200 E. California Blvd., Pasadena CA 91125, USA

<sup>&</sup>lt;sup>3</sup>Jet Propulsion Laboratory, California Institute of Technology, 4800 Oak Grove Dr., Pasadena, CA. 91109, USA

#### Download English Version:

# https://daneshyari.com/en/article/8340104

Download Persian Version:

https://daneshyari.com/article/8340104

<u>Daneshyari.com</u>