Accepted Manuscript

A Detailed Look at the Cytoskeletal Architecture of the *Giardia lamblia* Ventral Disc

Joanna R. Brown, Cindi L. Schwartz, John M. Heumann, Scott C. Dawson, Andreas Hoenger

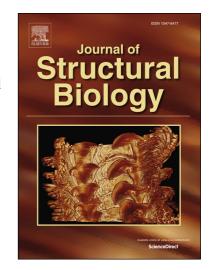
PII: S1047-8477(16)30010-7

DOI: http://dx.doi.org/10.1016/j.jsb.2016.01.011

Reference: YJSBI 6844

To appear in: Journal of Structural Biology

Received Date: 16 December 2015 Revised Date: 21 January 2016 Accepted Date: 24 January 2016



Please cite this article as: Brown, J.R., Schwartz, C.L., Heumann, J.M., Dawson, S.C., Hoenger, A., A Detailed Look at the Cytoskeletal Architecture of the *Giardia lamblia* Ventral Disc, *Journal of Structural Biology* (2016), doi: http://dx.doi.org/10.1016/j.jsb.2016.01.011

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

A Detailed Look at the Cytoskeletal Architecture of the *Giardia* lamblia Ventral Disc

Joanna R. Brown^{1,3,*}, Cindi L. Schwartz^{1,4,*}, John M. Heumann¹, Scott C. Dawson², and Andreas Hoenger^{1,@}

- *: These two authors contributed equally to this paper
- 1: University of Colorado, Dept. MCD Biology, Boulder, CO, 80309, USA.
- 2: University of California Davis, Dept. Microbiology and Molecular Genetics, Davis, CA, 95616, USA.

Current address:

- 3: MRC Centre for Regenerative Medicine, The University of Edinburgh, Edinburgh Bioquarter EH16 4UU, U.K.
- 4: Research Technologies Branch, Microscopy Unit, Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases, NIH, Hamilton, Montana 59840, USA
- @: Corresponding Author: Hoenger@colorado.edu / Tel: (303) 735-0844

Keywords:

Giardia Lamblia Ventral Disc Cryo-Electron Microscopy Cryo-Electron Tomography Microtubules Microtubule-associated Proteins (MAPS) Volume Averaging

Download English Version:

https://daneshyari.com/en/article/5913801

Download Persian Version:

https://daneshyari.com/article/5913801

<u>Daneshyari.com</u>