

Accepted Manuscript

Cysteine protease–dependent mucus disruptions and differential mucin gene expression in *Giardia duodenalis* infection

Christina B. Amat, Jean-Paul Motta, Elena Fekete, France Moreau, Kris Chadee, Andre G. Buret



PII: S0002-9440(17)30432-7

DOI: [10.1016/j.ajpath.2017.07.009](https://doi.org/10.1016/j.ajpath.2017.07.009)

Reference: AJPA 2692

To appear in: *The American Journal of Pathology*

Received Date: 20 April 2017

Revised Date: 4 July 2017

Accepted Date: 6 July 2017

Please cite this article as: Amat CB, Motta J-P, Fekete E, Moreau F, Chadee K, Buret AG, Cysteine protease–dependent mucus disruptions and differential mucin gene expression in *Giardia duodenalis* infection, *The American Journal of Pathology* (2017), doi: 10.1016/j.ajpath.2017.07.009.

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.

**Cysteine protease-dependent mucus disruptions and differential mucin gene expression
in *Giardia duodenalis* infection**

Christina B. Amat¹, Jean-Paul Motta¹, Elena Fekete¹, France Moreau², Kris Chadee^{*2}, Andre G. Buret^{*1}

¹Department of Biological Sciences, University of Calgary, 2500 University Drive NW, Calgary, Alberta, T2N 1N4, Canada

²Department of Microbiology, Immunology and Infectious Diseases, Cumming School of Medicine, University of Calgary, 3330 Hospital Drive NW, Calgary, Alberta, T2N 4N1

***Corresponding authors:**

Andre G. Buret

Department of Biological Sciences, Faculty of Sciences

University of Calgary, 2500 University Drive NW, Calgary, Alberta, T2N 1N4, Canada

Tel: (403) 220-2817; Fax: (403) 289-6800; Email: aburet@ucalgary.ca

Kris Chadee

Department of Microbiology, Immunology and Infectious Diseases

Cumming School of Medicine, 3330 Hospital Drive NW, Calgary, Alberta, T2N 4N1, Canada

Tel: (403) 210-3975; Fax: (403) 210-7882; Email: kchadee@ucalgary.ca

Text pages: 36; Figures: 8; Tables: 1

Running Head. *Giardia*-induced mucus disruptions.

Download English Version:

<https://daneshyari.com/en/article/8652135>

Download Persian Version:

<https://daneshyari.com/article/8652135>

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