

Accepted Manuscript

Diagnosis of malignant potential in mucinous peritoneal neoplasms by characterization of mucin carbohydrate structure

L. August Clark, MD, Alexia Ghazi, DO, Kristin Gaffney, DO, Rodrigo Soto, MD, Atin Agarwal, MD, Susanne Carmack, MD, C. Richard Boland, MD



PII: S2352-345X(18)30049-3
DOI: [10.1016/j.jcmgh.2018.02.012](https://doi.org/10.1016/j.jcmgh.2018.02.012)
Reference: JCMGH 342

To appear in: *Cellular and Molecular Gastroenterology and Hepatology*
Accepted Date: 27 February 2018

Please cite this article as: Clark LA, Ghazi A, Gaffney K, Soto R, Agarwal A, Carmack S, Boland CR, Diagnosis of malignant potential in mucinous peritoneal neoplasms by characterization of mucin carbohydrate structure, *Cellular and Molecular Gastroenterology and Hepatology* (2018), doi: 10.1016/j.jcmgh.2018.02.012.

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.

TITLE PAGE

CMGH Research Letter: Diagnosis of malignant potential in mucinous peritoneal neoplasms by characterization of mucin carbohydrate structure

Authors: L. August Clark, MD¹, Alexia Ghazi, DO², Kristin Gaffney, DO¹, Rodrigo Soto, MD², Atin Agarwal, MD², Susanne Carmack² MD, C. Richard Boland, MD^{1,3,4}

Institutions: ¹Division of Gastroenterology, Department of Internal Medicine; ²Department of Pathology; ³Charles Sammons Cancer Center and Baylor Research Institute, Baylor University Medical Center, Baylor Scott & White Health Care, 3500 Gaston Avenue, Dallas, TX 75246. ⁴

Current address: University of California San Diego.

Contributions:

LAC: conducted the fluorescence microscopy, assembled and interpreted data, wrote manuscript.

AG: immunofluorescence interpretation and photographs, patient data collection, edited manuscript.

KG: initiated the experiments, collected the samples, conducted initial fluorescence microscopy.

RS: initial immunofluorescence interpretation and photographs.

AA: edited manuscript.

SC: read all of the PMP tissues blinded to the lectin-binding data.

CRB: conceived of the experiments, assisted with fluorescence microscopy, edited manuscript.

Email addresses:

Lauren A Clark, MD laclark067@gmail.com

Alexia Ghazi, DO Alexia.Ghazi@BSWHealth.org

Kristin Gaffney, DO dr.kgaffney@gmail.com,

Rodrigo Soto, MD L.rodrigo.soto@gmail.com,

Atin Agarwal, MD Atin.Agarwal@BSWHealth.org,

Susan Carmack, MD carmack@omsc.net

C. Richard Boland, MD crboland@ucsd.edu

Download English Version:

<https://daneshyari.com/en/article/8376020>

Download Persian Version:

<https://daneshyari.com/article/8376020>

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