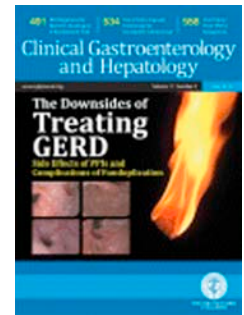


Accepted Manuscript

Relationship Between Changes in Serum Levels of Keratin 18 and Changes in Liver Histology in Children and Adults with Nonalcoholic Fatty Liver Disease

Raj Vuppalanchi , Ajay K. Jain , Ross Deppe , Katherine Yates , Megan Comerford , Howard C. Masuoka , Brent A. Neuschwander-Tetri , Rohit Loomba , Elizabeth M. Brunt , David E. Kleiner , Jean P. Molleston , Jeffrey B. Schwimmer , Joel E. Lavine , James Tonascia , Naga Chalasani



PII: S1542-3565(14)00748-4
DOI: [10.1016/j.cgh.2014.05.010](https://doi.org/10.1016/j.cgh.2014.05.010)
Reference: YJCGH 53826

To appear in: *Clinical Gastroenterology and Hepatology*
Accepted Date: 8 May 2014

Please cite this article as: Vuppalanchi R, Jain AK, Deppe R, Yates K, Comerford M, Masuoka HC, Neuschwander-Tetri BA, Loomba R, Brunt EM, Kleiner DE, Molleston JP, Schwimmer JB, Lavine JE, Tonascia J, Chalasani N, Relationship Between Changes in Serum Levels of Keratin 18 and Changes in Liver Histology in Children and Adults with Nonalcoholic Fatty Liver Disease, *Clinical Gastroenterology and Hepatology* (2014), doi: 10.1016/j.cgh.2014.05.010.

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.

All studies published in *Clinical Gastroenterology and Hepatology* are embargoed until 3PM ET of the day they are published as corrected proofs on-line. Studies cannot be publicized as accepted manuscripts or uncorrected proofs.

Relationship Between Changes in Serum Levels of Keratin 18 and Changes in Liver Histology in Children and Adults with Nonalcoholic Fatty Liver Disease

Raj Vuppalanchi¹
Ajay K. Jain²
Ross Deppe¹
Katherine Yates³
Megan Comerford¹
Howard C. Masuoka¹
Brent A. Neuschwander-Tetri²
Rohit Loomba⁴
Elizabeth M. Brunt⁵
David E. Kleiner⁶
Jean P. Molleston⁷
Jeffrey B. Schwimmer⁸
Joel E. Lavine⁹
James Tonascia³
Naga Chalasani¹

¹Department of Medicine, Indiana University School of Medicine, Indianapolis, IN; ²Saint Louis University, St. Louis, MO; ³Bloomberg School of Public Health, The Johns Hopkins University, Baltimore, MD; ⁴University of California, San Diego, San Diego, CA; ⁵Washington University School of Medicine, St. Louis, MO; ⁶Laboratory of Pathology, National Cancer Institute, Bethesda, MD; ; ⁷Department of Medicine, Indiana University School of Medicine, Indianapolis, IN. ⁸Department of Pediatrics University of California, San Diego and Department of Gastroenterology, Rady Children's Hospital, San Diego. CA. ⁹Department of Pediatrics, Columbia University, New York, NY

Grant Support: Administrative supplements awarded under the American Recovery and Reinvestment Act of 2009 (ARRA) for 3K24DK069290-05S1 to Dr. Chalasani.

Key Words: Serum K18, noninvasive biomarker, non-alcoholic steatohepatitis, PIVENS, TONIC

Short Title: Serum K18 and changes in liver histology in NAFLD

Author for Correspondence

Naga Chalasani, MD, FACP
David W. Crabb Professor & Director
Division of Gastroenterology and Hepatology
Indiana University School of Medicine
1050 Wishard Boulevard, RG 4100
Indianapolis, IN 46202
Tel (317) 278-0414
Fax (317) 278-1949

Abbreviations:

Download English Version:

<https://daneshyari.com/en/article/6091392>

Download Persian Version:

<https://daneshyari.com/article/6091392>

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