Accepted Manuscript

Inflammation-Induced Expression and Secretion of MicroRNA 122 Leads to Reduced Blood Levels of Kidney-derived Erythropoietin and Anemia

Mila Rivkin, Alina Simerzin, Elina Zorde-Khvalevsky, Chofit Chai, Jonathan B. Yuval, Nofar Rosenberg, Rona Harari-Steinfeld, Ronen Schneider, Gail Amir, Reba Condiotti, Mathias Heikenwalder, Achim Weber, Christoph Schramm, Henning Wege, Johannes Kluwe, Eithan Galun, Hilla Giladi

PII: S0016-5085(16)34827-2 DOI: 10.1053/j.gastro.2016.07.031

Reference: YGAST 60604

To appear in: Gastroenterology Accepted Date: 18 July 2016

Please cite this article as: Rivkin M, Simerzin A, Zorde-Khvalevsky E, Chai C, Yuval JB, Rosenberg N, Harari-Steinfeld R, Schneider R, Amir G, Condiotti R, Heikenwalder M, Weber A, Schramm C, Wege H, Kluwe J, Galun E, Giladi H, Inflammation-Induced Expression and Secretion of MicroRNA 122 Leads to Reduced Blood Levels of Kidney-derived Erythropoietin and Anemia, *Gastroenterology* (2016), doi: 10.1053/j.gastro.2016.07.031.

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

Inflammation-Induced Expression and Secretion of MicroRNA 122 Leads to Reduced Blood Levels of Kidney-derived Erythropoietin and Anemia

Mila Rivkin¹, Alina Simerzin¹, Elina Zorde-Khvalevsky¹, Chofit Chai¹, Jonathan B. Yuval², Nofar Rosenberg¹, Rona Harari-Steinfeld¹, Ronen Schneider³, Gail Amir⁴, Reba Condiotti⁵, Mathias Heikenwalder⁶, Achim Weber⁷, Christoph Schramm⁸, Henning Wege⁸, Johannes Kluwe⁸, Eithan Galun*¹ and Hilla Giladi¹

¹The Goldyne Savad Institute of Gene and Cell Therapy; ²Department of Surgery,

³Department of Nephrology, ⁴Department of Pathology, Hadassah Hebrew University
Hospital, Ein Karem, Jerusalem, Israel; ⁵Department of Developmental Biology and
Cancer Research, Hebrew University, Hadassah Medical School; ⁶Institute for
Virology, Technische Universität München and Helmholtz Zentrum München,
Munich, Germany; ⁷Institute of Surgical Pathology, University Zurich, Zurich,
Switzerland; ⁸Department of Gastroenterology and Hepatology University Medical
Center Hamburg-Eppendorf, Hamburg, Germany

*Correspondeing author:

Prof. Eithan Galun, M.D., Director, Goldyne Savad Institute of Gene Therapy, Hadassah Hebrew University Hospital, Jerusalem, 91120, Israel Tel: 972-2-6777762;

Fax: 972-2-6430982; email: eithang@hadassah.org.il

Number of figures: 7

Conflict of interest: The authors disclose no conflicts.

Financial support

Deutsche Forschungsgemeinschaft (DFG) SFB841 project C3 (E.G.), project B3 (C.S.), project B7 (J.K.); This work was supported by the I-CORE ISF center of excellence (E.G.) and the ISF grant to E.G., by the Jay Ruskin Foundation (A.S.) and by the Selma Kron Foundation to student fellowships (M.R.). Some of the human liver samples examined for this study were obtained from the "Liver.net" biobank, which was established by the Collaborative Research Centre 841 at Hamburg University Medical Center. Collection of samples and medical data was performed

Download English Version:

https://daneshyari.com/en/article/5658201

Download Persian Version:

https://daneshyari.com/article/5658201

<u>Daneshyari.com</u>