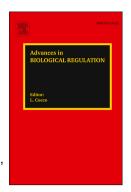
Accepted Manuscript

Metformin influences drug sensitivity in pancreatic cancer cells

Saverio Candido, Stephen L. Abrams, Linda Steelman, Kvin Lertpiriyapong, Alberto M. Martelli, Lucio Cocco, Stefano Ratti, Matilde Y. Follo, Ramiro M. Murata, Pedro L. Rosalen, Paolo Lombardi, Giuseppe Montalto, Melchiorre Cervello, Agnieszka Gizak, Dariusz Rakus, Pann-Gill Suh, Massimo Libra, James A. McCubrey



PII: S2212-4926(18)30074-5

DOI: 10.1016/j.jbior.2018.02.002

Reference: JBIOR 220

To appear in: Advances in Biological Regulation

Received Date: 30 January 2018
Revised Date: 3 February 2018
Accepted Date: 5 February 2018

Please cite this article as: Candido S, Abrams SL, Steelman L, Lertpiriyapong K, Martelli AM, Cocco L, Ratti S, Follo MY, Murata RM, Rosalen PL, Lombardi P, Montalto G, Cervello M, Gizak A, Rakus D, Suh P-G, Libra M, McCubrey JA, Metformin influences drug sensitivity in pancreatic cancer cells, *Advances in Biological Regulation* (2018), doi: 10.1016/j.jbior.2018.02.002.

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

Metformin Influences Drug Sensitivity in Pancreatic Cancer Cells.

Saverio Candido^{1*}, Stephen L. Abrams^{2,*}, Linda Steelman², Kvin Lertpiriyapong^{3,4}, Alberto M. Martelli⁵, Lucio Cocco⁵, Stefano Ratti⁵, Matilde Y. Follo⁵, Ramiro M. Murata^{2,6}, Pedro L.

Rosalen⁷, Paolo Lombardi⁸, Giuseppe Montalto^{9,10}, Melchiorre Cervello¹⁰, Agnieszka Gizak¹¹, Dariusz Rakus¹¹, Pann-Gill Suh¹², Massimo Libra¹, and James A. McCubrey^{2,#}.

¹Department of Biomedical and Biotechnological Sciences - Pathology & Oncology Section,
University of Catania, Catania, Italy

²Department of Microbiology & Immunology, Brody School of Medicine, East Carolina

University, Greenville, NC, USA 27834

³Department of Comparative Medicine,

Brody School of Medicine at East Carolina University

⁴Current Address: Center of Comparative Medicine and Pathology, Memorial Sloan-Kettering Cancer Center, Weill Cornell Medicine and the Hospital for Special Surgery, New York City, New York, USA

⁵Department of Biomedical and Neuromotor Sciences, Università di Bologna, Bologna, Italy
⁶Department of Foundational Sciences, School of Dental Medicine, East Carolina University

⁷Department of Physiological Sciences, Piracicaba Dental School, State University of

Campinas, Piracicaba, Brazil.

⁸Naxospharma, Via Giuseppe Di Vittorio 70, Novate Milanese 20026, Italy.

⁹Biomedical Department of Internal Medicine and Specialties,

University of Palermo, Palermo, Italy

¹⁰Consiglio Nazionale delle Ricerche,

Istituto di Biomedicina e Immunologia Molecolare "Alberto Monroy", Palermo, Italy

11 Department of Molecular Physiology and Neurobiology

Wroclaw University, Wroclaw, Poland

Download English Version:

https://daneshyari.com/en/article/8287663

Download Persian Version:

https://daneshyari.com/article/8287663

<u>Daneshyari.com</u>