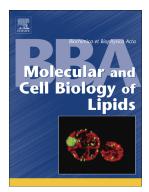
Accepted Manuscript

Chemosensitivity of human colon cancer cells is influenced by a p53-dependent enhancement of ceramide synthase 5 and induction of autophagy



Sebastian Brachtendorf, Ruth Anna Wanger, Kerstin Birod, Dominique Thomas, Sandra Trautmann, Marthe-Susanna Wegner, Dominik C. Fuhrmann, Bernhard Brüne, Gerd Geisslinger, Sabine Grösch

| PII: | S1388-1981(18)30181-1 |
|----------------|--|
| DOI: | doi:10.1016/j.bbalip.2018.07.011 |
| Reference: | BBAMCB 58336 |
| To appear in: | BBA - Molecular and Cell Biology of Lipids |
| Received date: | 30 January 2018 |
| Revised date: | 3 July 2018 |
| Accepted date: | 24 July 2018 |

Please cite this article as: Sebastian Brachtendorf, Ruth Anna Wanger, Kerstin Birod, Dominique Thomas, Sandra Trautmann, Marthe-Susanna Wegner, Dominik C. Fuhrmann, Bernhard Brüne, Gerd Geisslinger, Sabine Grösch, Chemosensitivity of human colon cancer cells is influenced by a p53-dependent enhancement of ceramide synthase 5 and induction of autophagy. Bbamcb (2018), doi:10.1016/j.bbalip.2018.07.011

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

Chemosensitivity of human colon cancer cells is influenced by a p53-dependent enhancement of ceramide synthase 5 and induction of autophagy

Sebastian Brachtendorf¹, Ruth Anna Wanger¹, Kerstin Birod¹, Dominique Thomas¹, Sandra Trautmann¹, Marthe-Susanna Wegner¹, Dominik C. Fuhrmann³, Bernhard Brüne³, Gerd Geisslinger^{1,2}, Sabine Grösch¹

1 Institute of Clinical Pharmacology, Faculty of Medicine, Goethe-University Frankfurt,

2 Fraunhofer Institute for Molecular Biology and Applied Ecology IME, Project Group Translational Medicine and Pharmacology (TMP), Frankfurt, Germany

3 Faculty of Medicine, Institute of Biochemistry I, Goethe-University Frankfurt, Frankfurt,

Germany

SHORT TITLE

Upregulation of CerS5 by p53 influences chemosensitivity

To whom correspondence should be addressed: Sabine Grösch; Goethe-University/ Institute of Clinical Pharmacology; Theodor-Stern-Kai 7; 60590 Frankfurt/Main, Germany; Phone: +49/69-6301 7820; Fax: +49/69-6301 7636; E-mail: groesch@em.uni-frankfurt.de

Download English Version:

https://daneshyari.com/en/article/8301232

Download Persian Version:

https://daneshyari.com/article/8301232

Daneshyari.com