Accepted Manuscript

Deciphering molecular mechanisms of arginine deiminase-based therapy – Comparative response analysis in paired human primary and recurrent glioblastomas

Claudia Maletzki, Yvonne Rosche, Christin Matzack, Aline Scholz, Doreen William, Carl Friedrich Classen, Bernd Kreikemeyer, Michael Linnebacher, Tomas Fiedler

PII: S0009-2797(17)30787-1

DOI: 10.1016/j.cbi.2017.10.007

Reference: CBI 8112

To appear in: Chemico-Biological Interactions

Received Date: 14 August 2017

Revised Date: 15 September 2017

Accepted Date: 4 October 2017

Please cite this article as: C. Maletzki, Y. Rosche, C. Matzack, A. Scholz, D. William, C.F. Classen, B. Kreikemeyer, M. Linnebacher, T. Fiedler, Deciphering molecular mechanisms of arginine deiminasebased therapy – Comparative response analysis in paired human primary and recurrent glioblastomas, *Chemico-Biological Interactions* (2017), doi: 10.1016/j.cbi.2017.10.007.

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

Deciphering molecular mechanisms of Arginine Deiminase-based therapy – comparative response analysis in paired human primary and recurrent glioblastomas

Claudia Maletzki¹, Yvonne Rosche^{1,2}, Christin Matzack^{1,2}, Aline Scholz^{1,2}, Doreen William^{1,3}, Carl Friedrich Classen³, Bernd Kreikemeyer², Michael Linnebacher¹, Tomas Fiedler²

¹ Molecular Oncology and Immunotherapy; Department of General Surgery; ²Institute for Medical Microbiology, Virology, and Hygiene; ³University Childrens' Hospital; Rostock University Medical Centre, 18057 Rostock, Germany.

Running title: ADI-based therapy for GBM

Corresponding author:

Claudia Maletzki, PhD

Molecular Oncology and Immunotherapy

Department of General Surgery

Rostock University Medical Centre

Schillingallee 35, D-18057 Rostock, Germany

claudia.maletzki@med.uni-rostock.de

Telephone: ++49 381 494 6048

Fax: ++49 381 494 6002

Word count: 4411

Abstract word count: 250

Tables: 1

Figures: 6

Supplemental files: 2

Keywords: arginine-catabolizing enzymes, cellular metabolism, combination therapy, patient-derived GBM cell lines, radiation

"The authors declare no potential conflicts of interest."

Download English Version:

https://daneshyari.com/en/article/8545395

Download Persian Version:

https://daneshyari.com/article/8545395

Daneshyari.com