This article was downloaded by: [University of Sistan & Bluchestan] On: 07 August 2015, At: 07:57 Publisher: Taylor & Francis Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: 5 Howick Place, London, SW1P 1WG



Click for updates

Toxicology Mechanisms and Methods Publication details, including instructions for authors and subscription information:

Publication details, including instructions for authors and subscription information <u>http://www.tandfonline.com/loi/itxm20</u>

The molecular mechanisms of liver and islets of Langerhans toxicity by benzene and its metabolite hydroquinone in vivo and in vitro

Haji Bahadar^a, Faheem Maqbool^a, Sara Mostafalou^b, Maryam Baeeri^a, Mahdi Gholami^a, Elmira Ghafour-Boroujerdi^a & Mohammad Abdollahi^{ac}

^a Department of Toxicology and Pharmacology, Faculty of Pharmacy, Pharmaceutical Sciences Research Center, International Campus, Tehran University of Medical Sciences, Tehran, Iran,

^b School of Pharmacy, Ardabil University of Medical Sciences, Ardabil, Iran, and

^c Endocrinology and Metabolism Research Center, Endocrinology and Metabolism Clinical Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran Published online: 22 Jun 2015.

To cite this article: Haji Bahadar, Faheem Maqbool, Sara Mostafalou, Maryam Baeeri, Mahdi Gholami, Elmira Ghafour-Boroujerdi & Mohammad Abdollahi (2015): The molecular mechanisms of liver and islets of Langerhans toxicity by benzene and its metabolite hydroquinone in vivo and in vitro, Toxicology Mechanisms and Methods

To link to this article: <u>http://dx.doi.org/10.3109/15376516.2015.1053650</u>

PLEASE SCROLL DOWN FOR ARTICLE

Taylor & Francis makes every effort to ensure the accuracy of all the information (the "Content") contained in the publications on our platform. However, Taylor & Francis, our agents, and our licensors make no representations or warranties whatsoever as to the accuracy, completeness, or suitability for any purpose of the Content. Any opinions and views expressed in this publication are the opinions and views of the authors, and are not the views of or endorsed by Taylor & Francis. The accuracy of the Content should not be relied upon and should be independently verified with primary sources of information. Taylor and Francis shall not be liable for any losses, actions, claims, proceedings, demands, costs, expenses, damages, and other liabilities whatsoever or howsoever caused arising directly or indirectly in connection with, in relation to or arising out of the use of the Content.

This article may be used for research, teaching, and private study purposes. Any substantial or systematic reproduction, redistribution, reselling, loan, sub-licensing, systematic supply, or distribution in any form to anyone is expressly forbidden. Terms & Conditions of access and use can be found at http://www.tandfonline.com/page/terms-and-conditions