



## SDI FINAL EVALUATION FORM 1.1

### PART 1:

Journal Name:	<a href="#">European Journal of Medicinal Plants</a>
Manuscript Number:	Ms_EJMP_23992
Title of the Manuscript:	The role of monocarboxylate transporters and their chaperone CD147 in lactate efflux inhibition and the anticancer effects of Terminalia chebula in neuroblastoma cell line N2-A
Type of Article	Original Research Article

### PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>The Reviewer would like to see Authors explanation for those 2 comments placed into the text:</p> <ul style="list-style-type: none"> <li>• Please explain the usage of chosen cell lines.</li> <li>• Please explain what was the basis of choosing the concentrations of TCE for different tests.</li> <li>• I can see some erratic dots on Figures 2/4/6, please check the quality</li> </ul>	<p>Thanking the reviewer for the comments. In our efforts to identify potent lactate efflux inhibitors, we have used neuroblastoma cells Neuro 2-A or N2 –A. We have used this cell model in all of our previous studies to investigate the “Warburg Effect” phenomenon in N2-A.</p> <p>References: Mazzio E, Soliman KF. Neurotoxicology 2012 Mazzio EA, Boukli N, Rivera N, Soliman KF. Cancer Sci. 2012 Mazzio EA, Soliman YI, Soliman KF. Cell Biol Toxicol 2010 Mazzio EA, Smith B, Soliman KF. Cell Biol Toxicol. 2010 Mazzio EA, Soliman KF. Biochem Pharmacol. 2004 Mazzio E, Yoon KJ, Soliman KF. Biochem Pharmacol. 2003 Jul 15; 66(2):297-306. Mazzio EA, Soliman KF. Neurochem Res. 2003 May; 28(5):733-41. We have incorporated this information (lines 96-102 in the manuscript and we added the references in the manuscript).</p> <p><b>TCE Concentrations</b> For lactate efflux inhibition and viability studies, the chosen concentrations were based on different preliminary studies in our lab. . Based on the dose -response study of viability, Western blot and caspase studies were conducted at smaller concentration (0-5 µg/ml) to keep the cells alive and to measure the changes in protein expression and caspase 3. Changes been placed in Lines 129, 136,137 and 159</p> <p>Figure 2 has been revised using log scale in the concentrations axis. Figures 4 and 6 did not have any erratic dots.</p>