

Modulation of Cellular Response to Arsenic Trioxide Toxicity by Resveratrol

Bodhisattwa Mondal¹, Hongxia Chen¹, Weihua Wen¹, Ercole L. Cavalieri², Eleanor G. Rogan^{1,2}, and Muhammad Zahid^{1*}

Department of Environmental, Agricultural, and Occupational Health, College of Public Health¹, and the Eppley Institute for Research in Cancer and Allied Diseases², University of Nebraska Medical Center, Omaha, Nebraska.

Supporting Information File

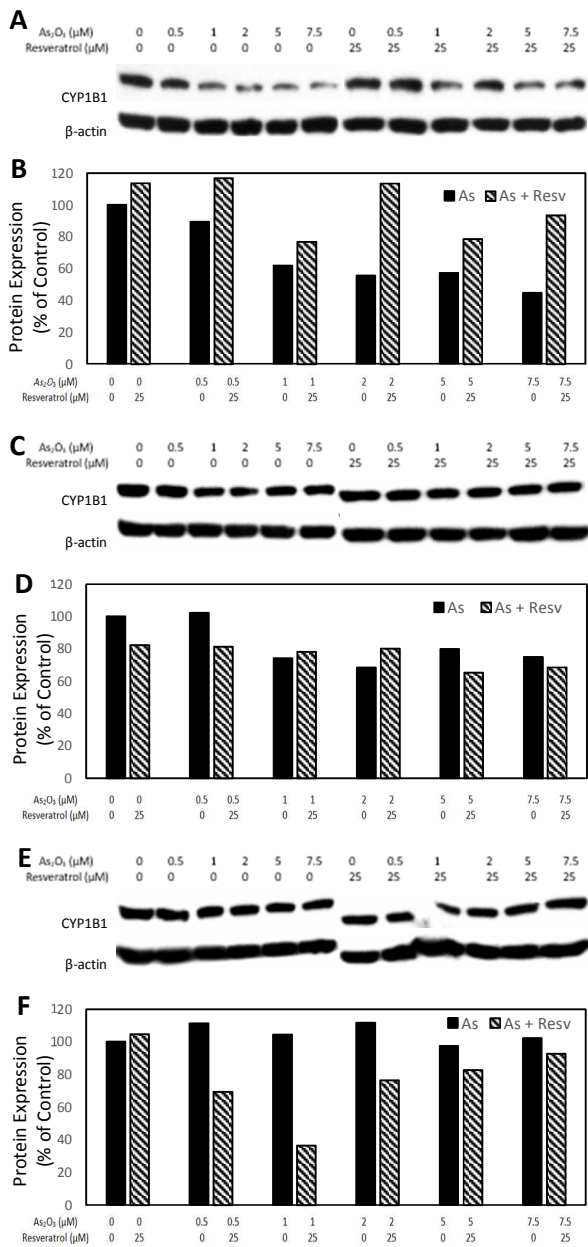


Figure S1. Expression of CYP1B1 by As₂O₃ with and without resveratrol. (A), (C) and (E): qualitative images. (B), (D) and (F): quantitative data. (A & B) MCF10A cells. (C & D) MCF10F cells. (E & F) MCF12F cells.

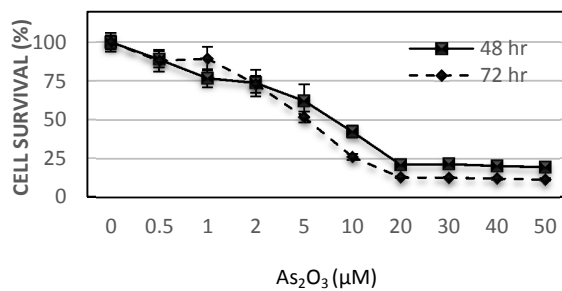


Figure S2. Viability of MCF12F cells treated with As₂O₃. Data are presented as mean ± standard error of the mean cell survival (%) from six independent experiments (n=6).