

Supplementary Material

Biochemical and Biophysical in Vitro Studies and Systematic Literature Review on the Antioxidant and Antiglycation Activities of Trazodone

Miłosz Nesterowicz^a Małgorzata Żendzian-Piotrowska^b Jerzy Robert Ładny^c
Anna Zalewska^d Mateusz Maciejczyk^b

^aStudents' Scientific Club "Biochemistry of Civilization Diseases" at the Department of Hygiene, Epidemiology and Ergonomics, Medical University of Białystok, Białystok, Poland, ^bDepartment of Hygiene, Epidemiology and Ergonomics, Medical University of Białystok, Białystok, Poland, ^c1st Department of General and Endocrine Surgery, Medical University of Białystok, Białystok, Poland, ^dIndependent Laboratory of Experimental Dentistry, Medical University of Białystok, Białystok, Poland

AGEs

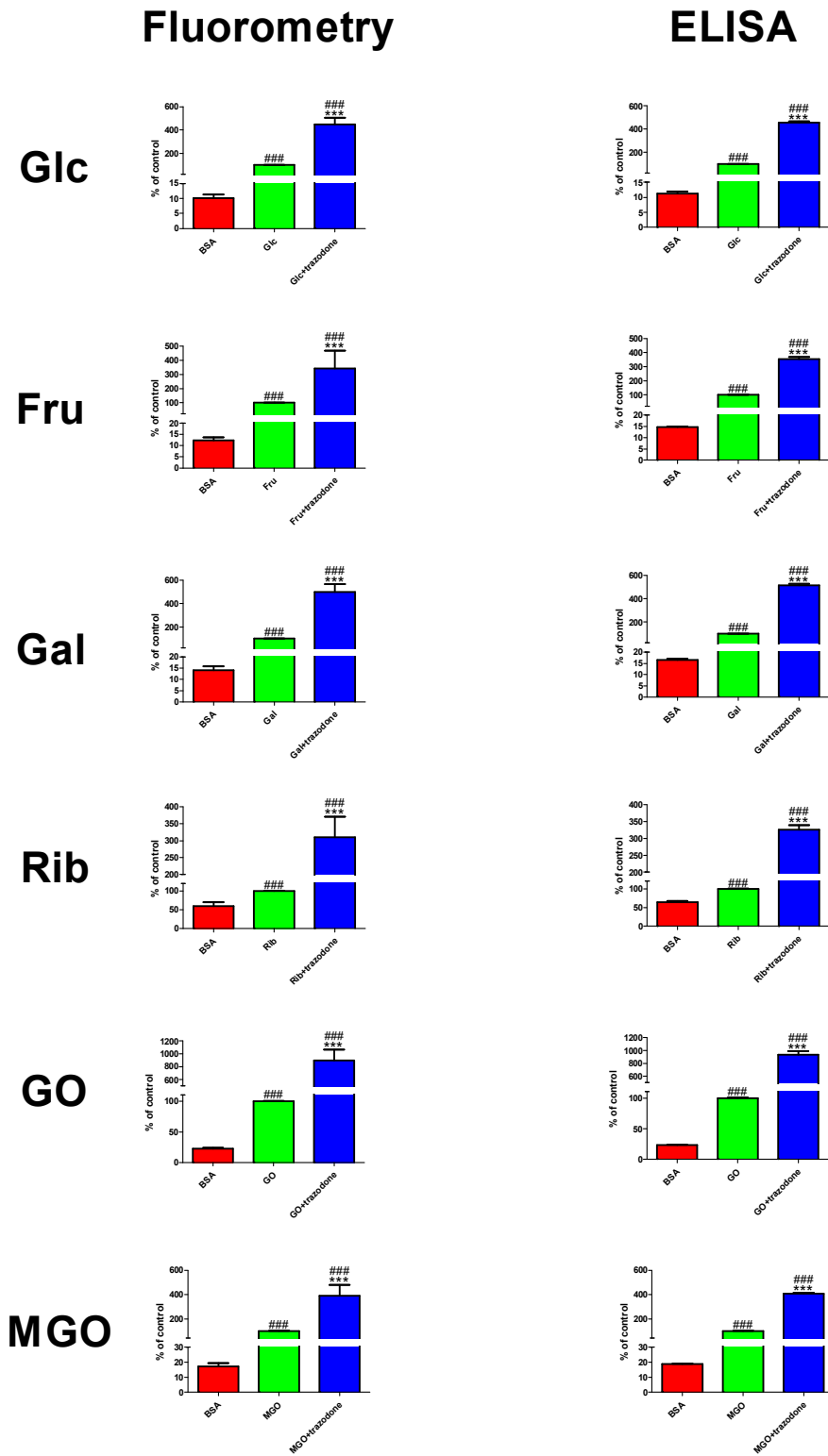


Figure S1. The effect of trazodone on advanced glycation end products (AGEs) generation in bovine serum albumin (BSA) glycated with glucose (Glc), fructose (Fru), galactose (Gal), ribose (Rib), glyoxal

(GO), and also methylglyoxal (MGO) assessed using the fluoroscopic technique as well as the ELISA method.

ELISA: enzyme-linked immunosorbent assay; *** $p < 0.001$ vs. positive control (glycoxidation agent); ### $p < 0.001$ vs. negative control (BSA)