

Supplementary Materials:

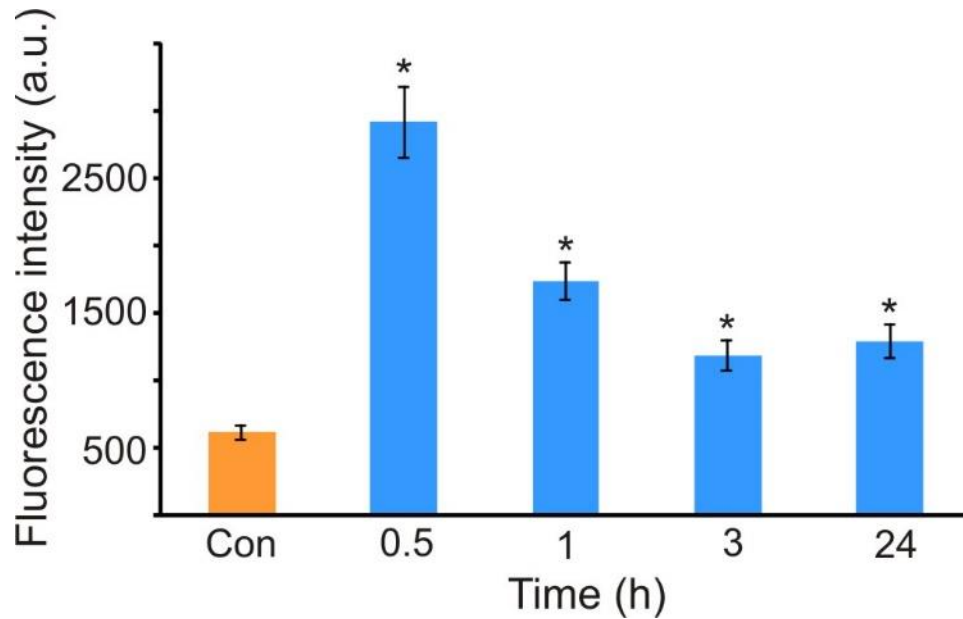


Figure 1. Time course analysis of the effect of 1 mM arginine on NO generation. Fluorescence intensity due to intracellular NO was determined using DAF-FM DA and is expressed as arbitrary units per 10^6 cells. Cell autofluorescence was subtracted from the total fluorescence obtained. Cells were grown in acetate-containing media and transferred to 1 mM arginine as a nitrogen source * denotes significant differences between the control and test variants according to the Student's *t* test (p value < 0.01).

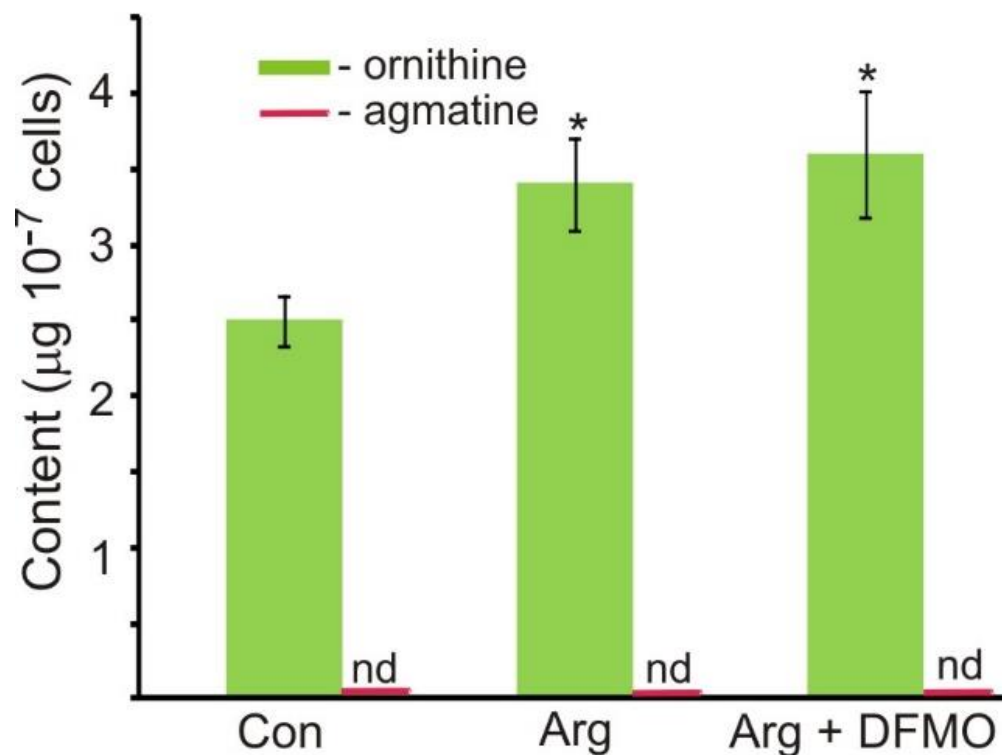


Figure 2. Effects of DFMO on ornithine and agmatine contents. Cells were grown in REP (Con) or incubated in acetate-containing medium with 1 mM arginine in the presence and absence of 1 mM DFMO for 3 h. * denotes significant differences between the control and test variants according to the Student's *t* test (p value < 0.01). nd, not determined.