

Supplementary material

Involvement of NO in V-ATPase regulation in cucumber roots under control and cadmium stress conditions

Magdalena Zboińska¹, Anna Janeczko² and Katarzyna Kabala^{1,*}

¹Department of Plant Molecular Physiology, Faculty of Biological Sciences, University of Wrocław, Kanonia 6/8, 50-328 Wrocław, Poland; magdalena.zboinska@uwr.edu.pl (M.Z.); katarzyna.kabala@uwr.edu.pl (K.K.)

²The Franciszek Górski Institute of Plant Physiology, Polish Academy of Sciences, Niezapominajek 21, 30-239 Krakow, Poland; a.janeczko@ifr-pan.edu.pl (A.J.)

* Correspondence: katarzyna.kabala@uwr.edu.pl



Figure S1. Images of cucumber seedlings treated with different concentrations of CdCl_2 for 24 h. No visually significant changes in the phenotype were observed.



Figure S2. Effect of longer treatment of cucumber seedlings with 100 μ M CdCl₂ on their phenotype.

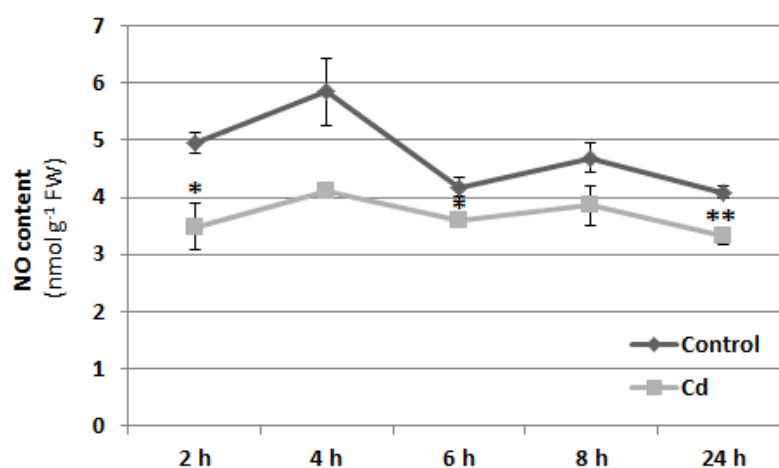


Figure S3. Changes in NO content over time in cucumber roots treated with 100 μ M CdCl₂. Data represent the means of 3 biological repetitions \pm SE. Statistically significant differences (independent-sample t-test) between the control and Cd treatment are marked as * ($0.01 \leq p < 0.05$) or ** ($p < 0.01$).

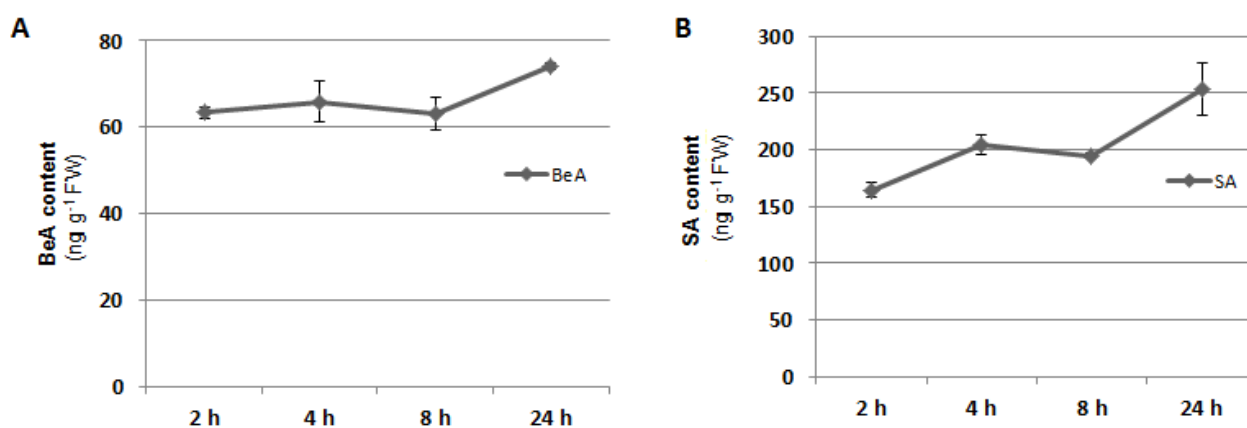


Figure S4. Changes in BeA (A) and SA (B) levels over time in cucumber roots treated with 100 μ M CdCl₂. Data represent the means of 5 biological repetitions \pm SE.