

Supplementary Figure legend

Supplementary Fig. 1: Evaluation of the ASE therapeutic influence in the studied organs using heatmap plots. The heatmaps clustered the studied oxidative stress and necroinflammation parameters in the liver, brain, lung, and spleen tissues of the rats in the CCl₄-ASE group. Results are revealed as percentage change values in comparison to the CCl₄ group. **(A)** Heatmap distribution of the up-regulated parameters in the CCl₄-ASE group relative to the CCl₄ group. **(B)** Heatmap distribution of the down-regulated parameters in the CCl₄-ASE group relative to the CCl₄ group. The dark orange color refers to the higher percentage increase values and the light color indicates the lower ones. **COX-2**, cyclooxygenase-2; **GPX**, glutathione peroxidase; **GSH**, reduced glutathione; **iNOS**, inducible nitric oxide synthase; **MPO**, myeloperoxidase; **NF-κB**, nuclear factor-kappa B; **NO**, nitric oxide; **ROS**, reactive oxygen species; **SOD**, superoxide dismutase; **TAC**, total antioxidant capacity; **TBARS**, thiobarbituric acid reactive substances; **TNF-α**, tumor necrosis factor-α.