A. Table 2. Correlation analysis of the investigated parameters in the roots of 24 day-old wheat plants after 7 days of 50 μM Cd treatment. Parameters were related to each other. Significant correlations at 0.05 and 0.01 levels were marked with * and **, respectively. Significant. close (0.7 < r < 1) and (0.2 < r < 0.7) intermediate relationship highlighted in bold.

	fSA	bSA	fBA	bBA	boHCA	GSH	y-EC	PC$_2$	PC$_3$	PCS	GR	G-POD	CAT	APX	GST	AA	PAL	CS	ICS
fSA	1																		
bSA	.495**	1																	
fBA	-.177	-.368*	1																
bBA	.243	.474**	.096	1															
boHCA	.331	.764**	-.462**	.362*	1														
GSH	.196	.378*	-.439*	.362*	.288	1													
y-EC	.309	.464**	-.574**	.485**	.354	.801**	1												
PC$_2$	.337	.376	-.127	.515*	.144	.760**	.722**	1											
PC$_3$	.386	.477*	-.164	.498*	.158	.523*	.593**	.863**	1										
PCS	.272	.407	.088	.462*	.067	.351	.385	.786**	.915**	1									
GR	.672**	.607**	-.441*	.128	.536**	.353	.409	.429*	.560**	.375	1								
G-POD	-.219	-.254	-.042	-.455*	-.136	-.334	-.347	-.167	-.005	.103	-.028	1							
CAT	.315	.060	.246	-.322	.229	-.167	-.330	-.221	-.285	-.230	.243	-.327	1						
APX	-.128	.158	-.075	.128	.072	-.112	-.055	.058	.333	.349	.163	.230	-.283	1					
GST	.253	.582**	-.464*	.508*	.358	.619**	.716**	.617**	.729**	.513*	.570**	-.076	-.377	.485*	1				
AA	.504*	.633**	-.488*	.461*	.227	.519*	.712**	.605**	.738**	.534**	.636**	-.105	-.394	.114	.712**	1			
PAL	.199	.302	-.618**	.094	.280	.314	.430*	-.064	-.054	-.378	.349	-.423*	.063	-.247	.299	.428*	1		
CS	-.151	.168	-.433*	-.024	.388	.339	.303	.175	.121	.011	.332	.083	.008	-.034	.216	.145	.193	1	
ICS	.367	.481*	-.328	.090	.545**	.317	.249	.182	.035	-.105	.457*	-.349	.463*	-.358	.135	.205	.433*	.615**	1