

Supplementary Materials

Table S1. Primer sequences.

Gene	Primer FOR	Primer REV
Aconitase	5'-GCGACAAGGAAGGGTGT-TT-3'	5'-GGAAAGCAGTCTCCCAGAGT-3'
Succinate dehydrogenase	5'-TTCTTCTGCCACGTGAGAGT 3'	5'-TCTTTTGACCTGCGCGTATG-3'
G-6-p dehydrogenase	5'-TTCGGGGATCTTAAGGTCGG-3'	5'-ACTTCGGGCATCTTCAAGGA-3'
Transaldolase	5'-TTTCCGGGGATGATCTCGAG-3'	5'-CAGCACGTACGTCATCCTTG-3'
AP-1	5'-GGTTGTTTGAGCCGTTGAGT 3'	5'-ACGGCCTCAATAACAACGAC-3'
AtfB	5'-CACCTGCGCAGCGAAGT-3'	5'-CGCATGCCGCAGCAT-3'

Table S2. Pearson correlations among different parameters [fungal growth, conidiogenesis, AFB₁ synthesis, superoxide dismutase (SOD), catalase (CAT), hydrogen peroxide (H₂O₂), superoxide anion (ASO) and peroxynitrite production (ONOO)] expressed under (A) control conditions and (B) treatment with 0.1 mM of menadione by *A. flavus* at different time intervals of observation (0–168 hpa).

(A)								
Variables ¹	Growth	Conidiogenesis	AFB1	CAT	SOD	H ₂ O ₂	ASO	ONOO
Time	0.609654	0.908782117	0.768303	−0.37456	0.465938	−0.36338	−0.82038	0.692778
growth	-	0.253747248	0.911778	0.26252	0.231837	0.407772	−0.84	0.947715
Conidiogenesis	-	-	0.439646	−0.66234	0.555358	−0.69881	−0.6073	0.37122
AFB1	-	-	-	0.247248	0.093194	0.263343	−0.7989	0.902429
CAT	-	-	-	-	−0.77547	0.83112	0.238899	0.107151
SOD	-	-	-	-	-	−0.55248	−0.64755	0.363224
H ₂ O ₂	-	-	-	-	-	-	0.064574	0.244587
ASO	-	-	-	-	-	-	-	−0.90378
(B)								
Variables ¹	Growth	Conidiogenesis	AFB1	CAT	SOD	H ₂ O ₂	ASO	ONOO
Time	0.924199	0.571149662	0.959767	−0.94673	0.937318	−0.84207	−0.81551	0.948643
growth	-	0.574247711	0.946545	−0.83795	0.797845	−0.65452	−0.89407	0.940706
Conidiogenesis	-	-	0.553489	−0.54048	0.639314	−0.62097	−0.4491	0.680415
AFB1	-	-	-	−0.84291	0.890135	−0.75651	−0.93845	0.91803
CAT	-	-	-	-	−0.85763	0.792345	0.631716	−0.90906
SOD	-	-	-	-	-	−0.94395	−0.71512	0.891644
H ₂ O ₂	-	-	-	-	-	-	0.552172	−0.76677
ASO	-	-	-	-	-	-	-	−0.77261

¹ Statistic significance: bold values are different from 0 at the significance level of $\alpha = 0.05$.