

Figure S1. Influence of 2-DG on phagocytosis.

(A) CFU assay from supernatants of infected BMDMs, MOI 1:5, treated with 5mM of 2-DG for 2h. Two-tailed t test.

Data are representative of three individual experiments. Violin plots show the median (line) and quartiles (dash line). * Represents statistical difference.

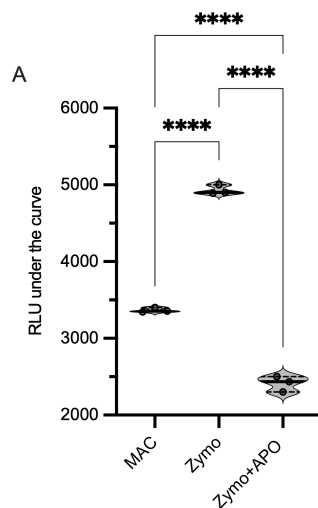
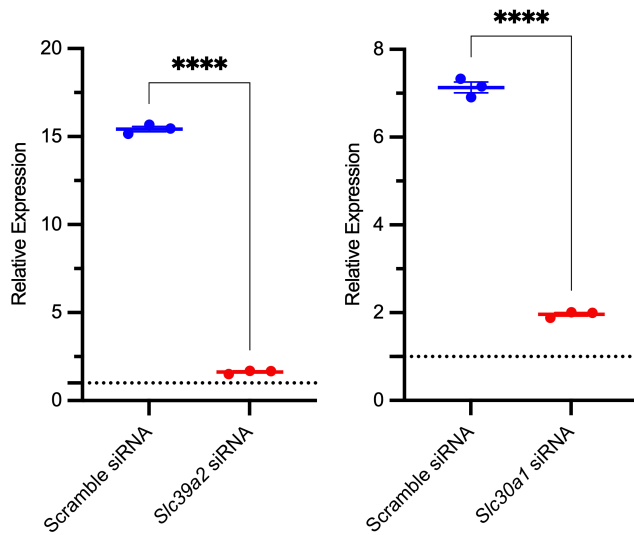


Figure S2. Apocynin decrease ROS production in BMDMs.

(A) ROS assay from BMDMs treated with 20 $\mu\text{l}/\text{mL}$ of Zymosan or with 200 μM of apocynin for 3h. ANOVA with Tukey's multiple comparisons test.

Data are representative of three individual experiments. Violin plots show the median (line) and quartiles (dash line). * Represents statistical difference.

A



B

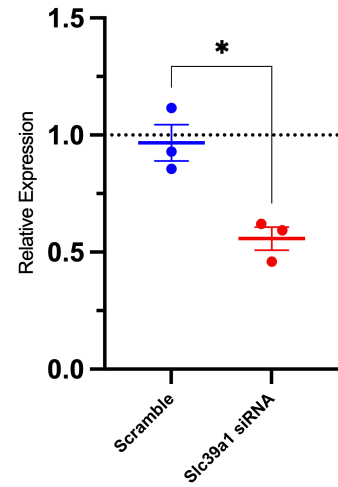


Figure S3. Gene expression of zinc transporters after silencing.

(A) Gene expression of *Slc39a2* and *Slc30a1* after 24 h of silencing and infection. Two-tailed t test.

(B) Gene expression of *Slc39a1* after 24 h of silencing and infection. Two-tailed t test.

Data are representative of three **(A-B)** individual experiments. Bar graphs show Mean and SEM. House-keeping gene, and all data were normalized to uninfected BMDMs reference (dotted line). * Represents statistical difference.

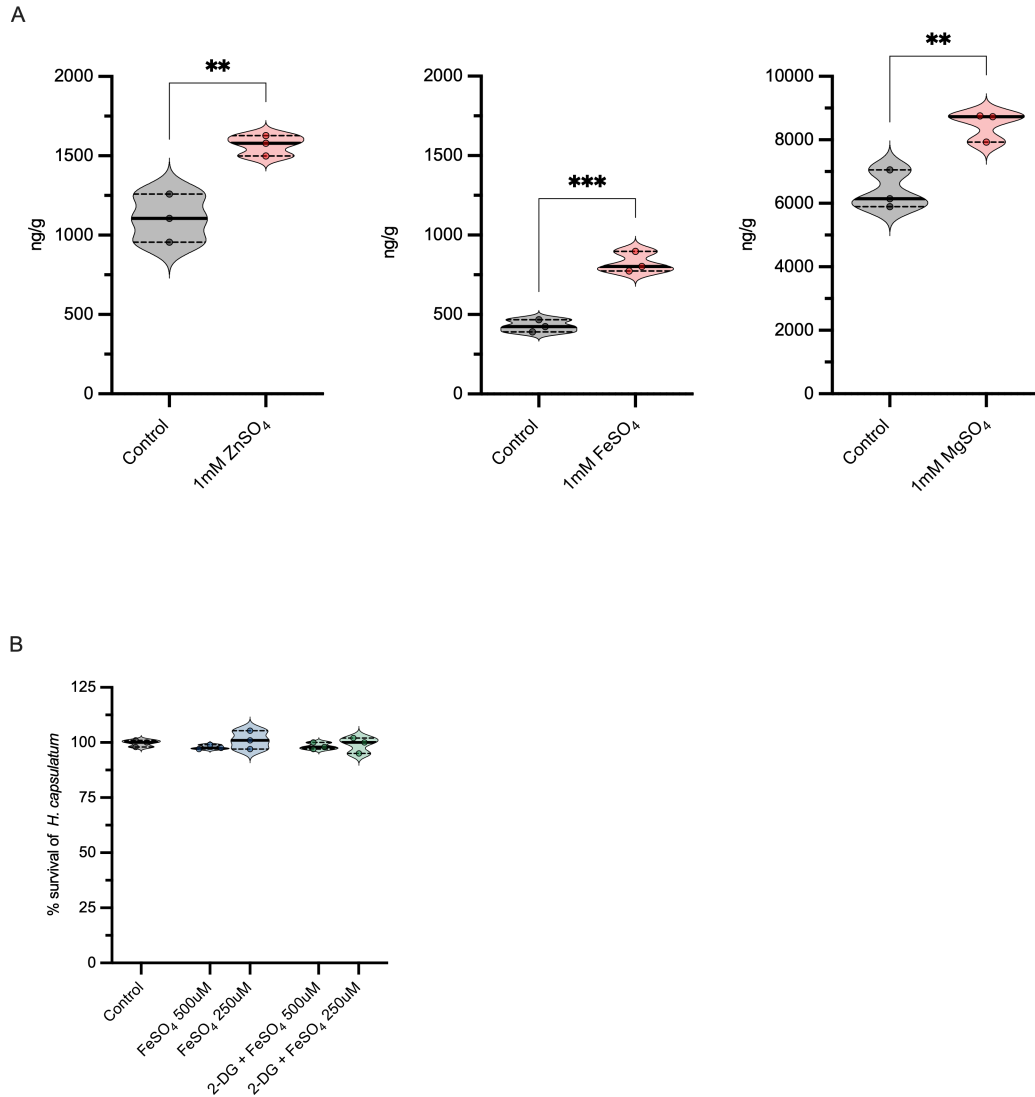


Figure S4. Metal quantification from yeasts cultivated in media with metal supplementation.

(A) Metal content of yeasts cultivated with 1mM of $ZnSO_4$, $FeSO_4$ and $MgSO_4$ supplementation for 3 days. Two-tailed t test.

(B) XTT assay of *Histoplasma* yeasts cultivated with or not $FeSO_4$ supplementation after 24 h

Data are representative of three **(A-B)** individual experiments. Violin plots show the median (line) and quartiles (dash line). * Represents statistical difference