

## Supplementary materials

### **Mercaptoimidazole-capped gold nanoparticles as a potent agent against plant pathogenic fungi**

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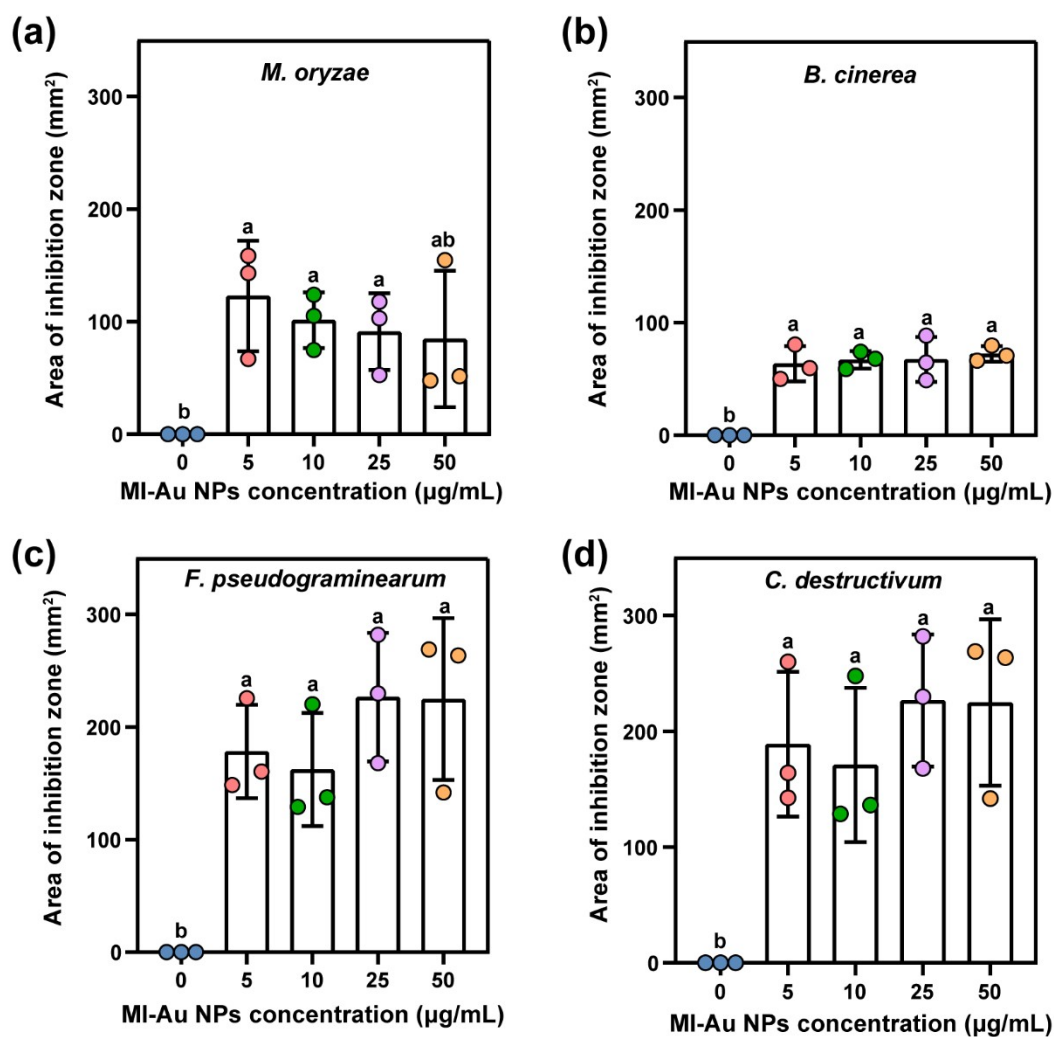
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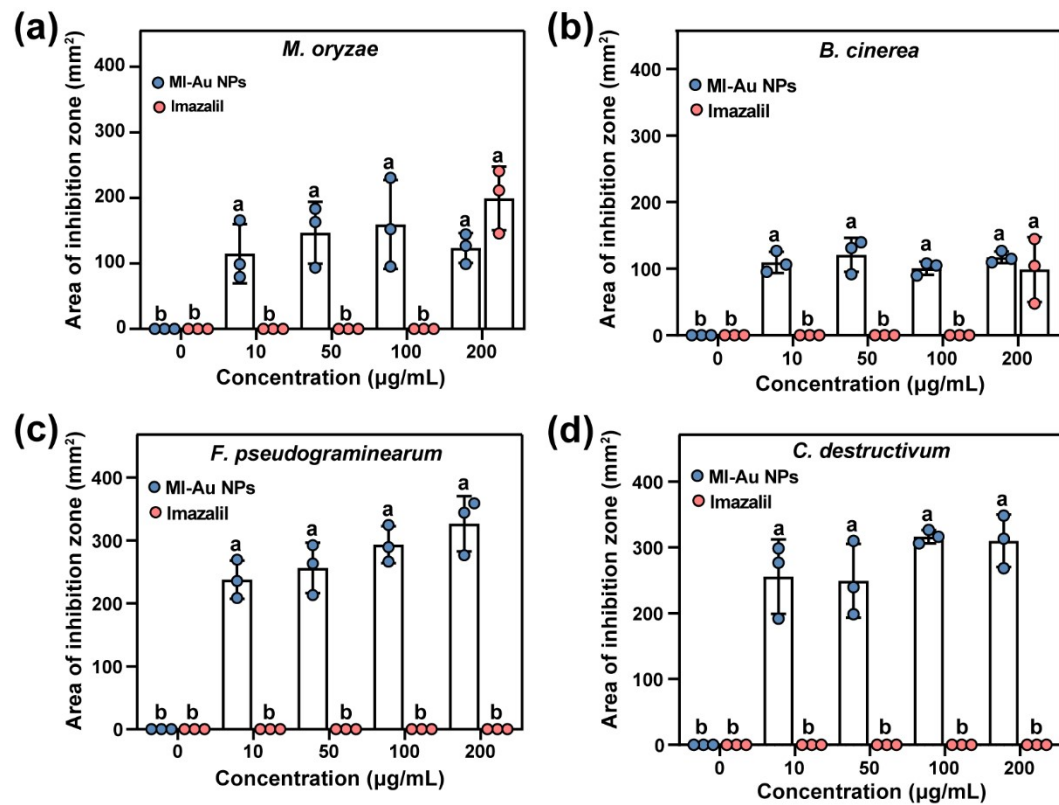
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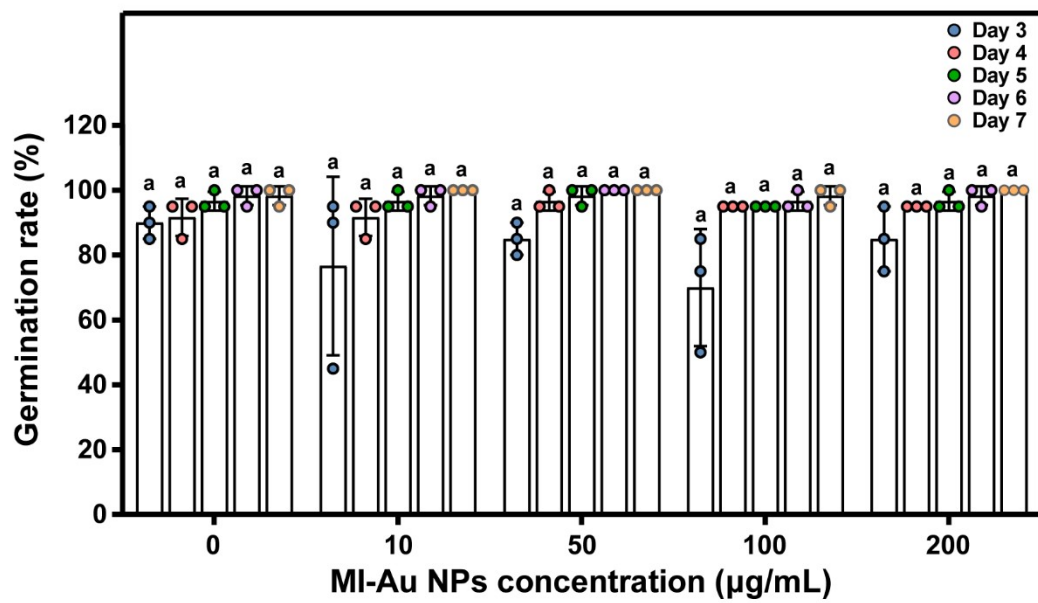


31  
 32 **Figure S1.** Inhibition zone area of fungi by MI-Au NPs treatment. (a) *M. oryzae*. (b) *B.*  
 33 *cinerea*. (c) *F. pseudograminearum*. (d) *C. destructivum*. Different lowercase letters  
 34 denote statistically significant difference ( $p < 0.05$ ) between bars. Error bars indicate  
 35 standard deviation of the mean.



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37 **Figure S2.** Inhibition zone area of fungi by MI-Au NPs or imazalil treatment. (a) *M.*  
 38 *oryzae*. (b) *B. cinerea*. (c) *F. pseudograminearum*. (d) *C. destructivum*. Different  
 39 lowercase letters denote statistically significant difference (p < 0.05) between bars.  
 40 Error bars indicate standard deviation of the mean.



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43 **Figure S3.** Germination rates of *S. lycopersicum* seeds in 7 days. Different lowercase  
 44 letters denote statistically significant difference ( $p < 0.05$ ) between bars. Error bars  
 45 indicate standard deviation of the mean.