# Supporting Information

**Photodynamic Therapy-Mediated Extirpation of Cutaneous Resistant Dermatophytosis with Ag@ZnO Nanoparticles: An Efficient Therapeutic Approach for Onychomycosis**

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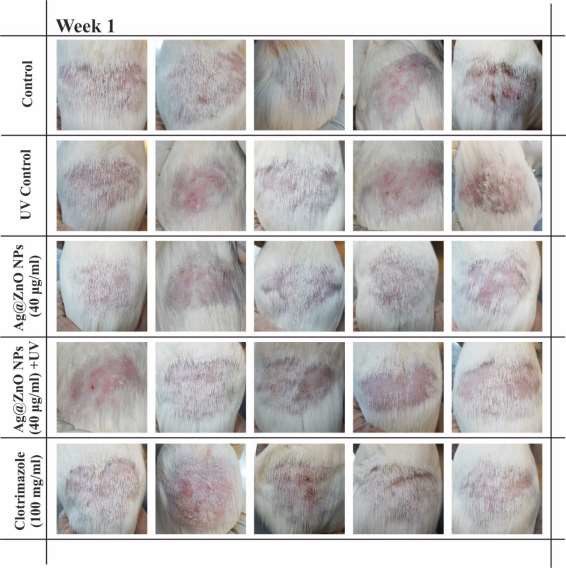
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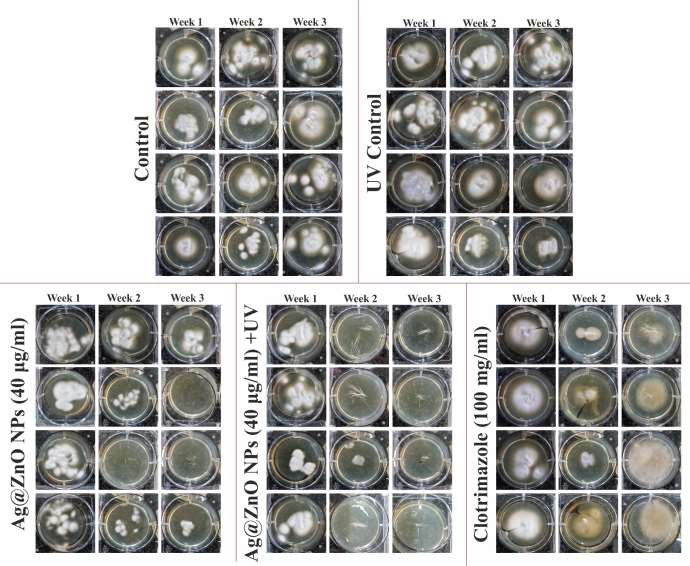
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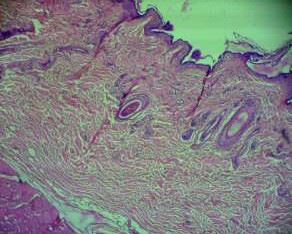
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**Figure S1.** Optical Images of all guinea pigs in 5 groups, inoculated with T. Mentagrophytes, after 7 days (Week 1). The loss of hair in the infected area is noticeable.



**Figure S2.** Culture results from all samples during three weeks of study. Hair and skin debris of infected area in guinea pigs were collected and cultured to monitor the infected area during three weeks' study.



Control (Healthy)

**Figure S3.** Skin histopathology of healthy control group

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| Control (Un-Treated) | Ag@ZnO NPs-Treated | Clotrimazole-Treated |
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**Figure S4.** Liver histopathology with different magnification in un-treated control, Ag@ZnO NC- treated group vs. clotrimazole-treated group, the scale bar in first row is 200 µm and it is 100µm for second and third rows.

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| --- | --- | --- |
| Control (Un-Treated) | Ag@ZnO NPs-Treated | Clotrimazole-Treated |
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**Figure S5.** Different magnification of kidney histopathology in un-treated control, Ag@ZnO NC- treated group vs. clotrimazole-treated group. The scale bar in first row is 200 µm and it is 100µm for second and third rows

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