

Review Form 1.7

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_109025
Title of the Manuscript:	Photodynamic therapy in Candida spp. and epithelial cell cultures: An in vitro study
Type of the Article	Original Research Article

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Yes, particularly with the fact that antimicrobial drugs are ineffective in some immunosuppressed patients and resistant strains of some microbes. Photodynamic inactivation (PDI) is a promising alternative to conventional antifungal treatments.</p> <p>2. Yes.</p> <p>3. Yes.</p> <p>4. Yes.</p> <p>5. Yes.</p> <p>6. Yes.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. Yes. Good research work, but to focus more light on your study, I suggest you to: -explain why author select specified values of energy density of (100, 270, 450)J/cm², give logical reasons. -clarify how author change values of energy density (fluency)? Author do it by changing spot size (slit diameter and distance between laser light source and cultures of candida spp. and epithelial cells) or by what. -combine tables 1, 2 and 3 by their figures (in chart form), because picture speaks louder than table and it is more understandable. -rewrite introduction to focus on mechanism and role of laser diode on candida spp. inactivation. -include results subsection all experimental observations of inactivation of <i>Candida spp.</i> and epithelial cells by CFUs and viability of epithelial cells. -include discussion brief explanation and logical reason about mechanism of action of photosensitizers with appropriate wavelength of visible light on <i>Candida spp.</i> inactivation and irreversible damage and cell death, by citing reference [34] in addition to: 1- Betânia Maria Soares, Danielle Letícia da Silva, "In vitro photodynamic inactivation of Candida spp. growth and adhesion to buccal epithelial cells", Journal of Photochemistry and Photobiology B: Biology, Volume 94, Issue 1, 9 January 2009, Pages 65-70. 2- Fernanda Freire, M.S.,1,2 Cleber Ferraresi, "Photodynamic therapy of oral Candida infection in a mouse model", J Photochem Photobiol B. 2016 Jun; 159: 161–168.</p>	
<p>Optional/General comments</p>	<p>It is better to study effect of irradiation time and methylene blue concentration on inactivation of <i>candida spp.</i> and epithelial cells.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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