



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2014_BJAST_9315
Title of the Manuscript:	Do You Know Your Sh*t? Students' Awareness, Attitude, and Perception about Current and Relevant Events in Microbiology
Type of the Article	Original article (survey)

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	Methods: The methods seem appropriate; except the all 22 questions were not informed in the manuscript. A summarized version of the questionnaire could be inserted in a table. Discussion/Conclusion: The inclusion of current topics to increase the motivation, interest and knowledge in microbiology education were nicely described. The manuscript work has merit, but the discussion needs to consider also that almost 50% of subjects in the no microbiology group (lay people) say they take antibiotics almost every time they get sick, or when they get colds or the flu. The easy access by the population to different kinds of medicines in the drugstores, with no medical prescription (as observed in many countries) may be considered a potential public health problem because the resistance of certain pathogenic microorganisms to antibiotics may increase (as example, <i>Clostridium difficile</i> infections). In addition, non-pathogenic microorganisms, beneficial to the human health may be eliminated. I recommend this topic could be more explored and associated to microbiology education in general population.	A table containing survey questions has been inserted at the end of the manuscript. Thanks for your valuable recommendation. We have borrowed it and used it in the discussion.



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<u>Minor</u> REVISION comments	Introduction and literature review: The introduction is nicely structured, but the authors should include a brief explanation about the problems caused by <i>Clostridium difficile</i> infection. - Line 24: Please add a “P” letter to correct the first word. I suggest that the word is written with no capital letters (Professor). - Line 26: Include the SENCER meaning (Science Education for New Civic Engagements and Responsibilities) because your paper will be accessed by readers of different science fields around the world where this acronym may be unknown.	A brief explanation, as requested by reviewer 1, about the problems caused by <i>Clostridium diff</i> has been added. In Line 24, the missing P has been added with no capital letters. In line 26, the full name for SENCER (Science Education for New Civic Engagements and Responsibilities) has been added.
<u>Optional/General</u> comments	Relevance: The topics of students’ knowledge about basic microbiology and current procedures in this field have potential value for the health sciences education. Title: Although informal and at first glance it seems a little bit aggressive, it arouses the reader's curiosity; and as explained by the authors the title appeared at random, during his/her microbiology class. Abstract: Appropriate Results: The results demonstrate the influence of microbiology knowledge on the questionnaire answers between the students groups evaluated. However, learning about current topics (as FMT) can be improved in the microbiology education.	Thanks for the overall positive comments.