Review Form 1.6

Journal Name:	**International Journal of Pathogen Research**
Manuscript Number:	**Ms_IJPR_78661**
Title of the Manuscript:	**Agricultural waste Annona Squamosa L. peel and seed extract: biosynthesis of hand sanitizer gel against skin pathogens**
Type of the Article	**Short Research Article**

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:

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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	**1.Since no antiviral testing is done, how can you claim that the preparation is effective against, COVID 19? Authors have to mention that the gel canbe used against bacterial infections** **2.Why a mixture of dried peal and seed is used instead of using it separately?** **3.Quantity of each content used for gel preparation is not clear from methodology.** **4.Methodology for the study of antibacterial activity and heavy metal analysis is not mentioned**	1.We used the service of The Quality Assurance and Testing Center 3 (QUATEST 3) in Ho Chi Minh City (Viet Nam) with test method: BS EN 1040: 2005 (Study of antibacterial activity). The test results of antibacterial activity can be seen in Table 3. So, Annona sanitizer gel can be considered a strategic key useful in the containment of infections such as COVID-19 both at home and in communities because it can dramatically reduce the widespread outbreak of infections. 2. Because the large amount of *Annona squamosa* residues and waste (principal peels and seeds) from the food industries and fruit processing (Annona wine, juice, candy) are released into the enviroment. It become a severe environmental issue. The previous studies demonstrated that the potential antioxidant, antimicrobial, and in vitro anticancer activity in the various parts of *Annona squamosa* such as the fruits, peel, seed, leaves and roots. So, we have developed modern method by using agriculture waste to synthesize hand sanitizer gel by employing an aqueous peel and seed of *annona squamosa*. It helps reduce environmental pollution. 3. Because *Annona* sanitizer gel has been commercialized in Vietnam. For reasons of confidentiality, we were not allowed to give detailed information to the press. We're very sorry for the inconvenience. 4. We added it according to reviewer comments.
Minor REVISION comments		
Optional/General comments	The manuscript deals with an alternative to alcohol based hand sanitizer with Annona peel. Alternative hand sanitizer is important in this current scenario, but, anti viral activity is also important. Grammatical and spelling errors have too be corrected	We corrected it according to reviewer comments.

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	