



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_22227
Title of the Manuscript:	Development and Estimation of an in Silico Model for Anti-HIV-1 Integrase Inhibitor Using Genetic Function Approximation
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:

(<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	Ethical Issue: There is no ethical issues in this manuscript.	
Minor REVISION comments	The manuscript titled <i>Development and Estimation of an in Silico Model for Anti-HIV-1 Integrase Inhibitor Using Genetic Function Approximation</i> concerns the integrase inhibitors as an essential enzyme required for replication of the acquired immunodeficiency syndrome virus. It is a potent modern target for anti- HIV therapy. A QSAR study is performed on the series indole - diketo, diketo acid and carboxamide derivatives in order to analyze the physicochemical requirements of integrase inhibitors and to provide structural insight into the binding mode of the molecules to the enzyme. This will help in the design of these molecules as integrase inhibitors and predicting the inhibitory activity of the newly designed analogues. The manuscript titled <i>Development and Estimation of an in Silico Model for Anti-HIV-1 Integrase Inhibitor Using Genetic Function Approximation</i> is significant in novel HIV therapy.	The reviewer noticed the relevance of our research to the medicinal, synthetic and computational chemistry community around the world. We agree with the reviewer and thanked him for recognizing our efforts.



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	Moreover, despite the fact the manuscript concerns with interested and modern scientific topic, the paper is written rather legible English. Authors should use one type of font in all the Tables as well as should be unified (size, quality). Finally, the manuscript could be ready for publication in <i>Journal of Advances in Medical and Pharmaceutical Sciences</i> after very minor revision.	The manuscript has been revised. The tables has been adjusted in accordance with the journal format as pointed out by the reviewer.
<u>Optional/General</u> comments		