



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_30468
Title of the Manuscript:	QSAR Study of 3-Phenylamino-1,4-naphtoquinones Anti-Cancer Activities
Type of the Article	Original 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)
<u>Compulsory</u> REVISION comments	1. The Table 3, which is referred in line 76 does not show the correlation matrix (which is indeed Table 4). 2. The biological activity data (pCDU145, pCMCF7, and pCT24) must be described in much more details. 3. What show the Table 3? The activities pCobsrv (for DU145?) are not in line with data presented in Table 2. 4. Does authors use the logarithmic measure for pCs, or not? 5. More QSAR models should be presented in Table 5, for all three properties. 6. The statement '....the inhabitation of human prostate carcinoma is influenced mainly by surface tension.' is very strong and must be explained or formulated more cautiously.	1. I corrected. 2. I corrected and described these abbreviations under the table. 3. I corrected C in Table 2 and pC in Table 3 4. (pC=-logC) 5. there are more than 45 QSAR models for each cancer cell line but not accepted statistically. 6. I corrected to we can suggest that the inhabitation of human prostate carcinoma is influenced mainly by, surface tension.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	It is a solid study, which describes a standard procedure of developing of a QSAR model. However, to complete the work some additional information is necessary.	