



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_22095
Title of the Manuscript:	MicroRNA memory II: A Novel Scoring Integration Model for Prediction of Human Diseases by MicroRNA/MicroRNA Quantum Multi-Interaction
Type of the 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 <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>
<u>Compulsory</u> REVISION comments	It is necessary to edit the manuscript, because there are a lot of grammar and stylistics errors (METHODOLOGYS, MiRNA's Target, cardio diseases, ...). There the errors of biological sense (it is more serious, when there are a reference to normal article).	Thank you for your peer review during such busy time. It was very helpful. When I submitted our paper, I sent draft by mistake. So I resent correct paper. I think you may hand over draft. already modified in correct paper is red color modified by your review is yellow highlight
<u>Minor</u> REVISION comments	It is necessary to correct the formate of the manuscript.	
<u>Optional/General</u> comments	Some journals require a short title, usually no more than 40 characters (including letters and spaces) on the title page or as a separate entry in an electronic submission system (see guide for authors). Title: What is "II:A"? Abstract (errors): "Aims:Further", "Conclusion:Thus" "Further" is not a good first word for start of abstract.	Title: "II:A" -> "II: a" Abstract "Aims:Further" -> "Aims: To further" Because we submitted "MicroRNA memory I" at the same time. This paper is a continuation of "MicroRNA memory I". "Conclusion: Thus miRNA" -> "Conclusion: miRNA"



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	What is part of abstract after the conclusion? "MicroRNA (miRNA) is the gene." It is not correct. Give, please, another definition. "The miRNA gene is the key tuner to control". It is not right. Give, please, another definition. Repetition of abbreviations: "microRNA (miRNA) gene" and "MicroRNA (miRNA) is the" and other. Please, correct it. "processes events in cells of lives including humans" It is not correct. Please, reformulate it. "miRNA/protein gene" It is not correct. I recommend to change it to "miRNA/mRNA" "event to control human health". Please, reformulate it. Introduction You should add a gap before each reference []. "microRNAs (miRNAs)" is the third definition of the same abbreviation (delete it). Correct another such repetitions. "messenger RNAs (mRNAs)" Line 20-21 "miRNAs have an important role in the transcriptional regulation" It is not correct. Give, please, another definition. Line 24-26 "target genes and to the 3'untranslated region (3' UTR) of the messenger RNAs (mRNAs) and the miRNA/mRNA interaction" It is not correct. I recommend to change "target genes" to " mRNA of target genes". "and the miRNA/mRNA interaction" is the same sense. It is repetition and you should delete it. I recommend to add an information that miRNA binding sites are located not only	What is part of abstract after the conclusion? -> It was deleted. "MicroRNA (miRNA) is the gene.", "The miRNA gene is the key tuner to control". -> I disagree your opinion. But they were deleted. Repetition of abbreviations: "processes events in cells of lives including humans" -> It was deleted. "miRNA/protein gene" -> "miRNA/mRNA" "event to control human health" -> reformulated Introduction add a gap before each reference [] "microRNAs (miRNAs)" is the third definition, "messenger RNAs (mRNAs)" -> I couldn't find it. Maybe it was deleted. Line 20-21 I disagree your opinion. however "miRNAs have an important role in the transcriptional regulation" -> post-transcriptional and occasionally transcriptional regulation
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	in 3'UTR. For example, 5'UTR, CDS. I recommend to add an information that binding sites can be formed not only via "seed region". For example, canonical seed pairing, non-canonical interactions, 3'-supplementary sites or 3'-compensatory' sites. You should change "3'UTR" to "3'UTR" and "3' UTRs" to "3'UTRs". Where are the gaps? "seed[10].Context+", What is "aging"? Precise it. 185-189 Reformulate it. Line 192 "in Figure 2A (Figure 2B)." Which? Line 200 You shouldn't repeat an information like "(NM_000168)" in the text, if it is in the table. Delete it. What is "Number of Significant MiRNA Target Loci" near the table1? (and sentences near another tables?) "Table 1. The Number of MiRNA's Target in PolymiRTS Used in This Study" should be before the table. Reformulate and write by small letters without point (for all tables and figures). (see the guide for the authors and another published articles of the journal) You should add the significance of DNS and CSC correlation ($p < 0.05$) for each result of the table 1. Table 2-3: You shouldn't write all numbers like "-0.880778738" and	left green color I changed the sentence. 3'UTR is modified. "seed[10].Context+" -> "seed [10]. Context+" aging -> senescence 185-189 Reformulate it. -> I can't understand what you want. "in Figure 2A (Figure 2B)." -> "(Figure 2B)" like "(NM_000168)" -> delete them sentences near another tables -> deleted sentences before the table and small letters -> done add the significance of DNS and CSC correlation ($p < 0.05$) for each result of the table 1 -> They are added in Supplemental data because there are table over than 2000.
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	"0.000140632". Round it and add "$\pm$". The column "Morphogenic Target" should be located near "Ref Seq ID". You should change "Figure 1." to "Fig. 1." Figure 1 has 4 different figures. Please add A-D for them and give their definitions. You should align the diagrams in Figure 2. Where is an information about Figure 2-4 A-D? Figure 3. Figure A has different type in comparison with Figure B-D. Figure A should be another independent figure (with number). And you should delete the Windows frame from this figure. Figure 4F: remake it, because I can't understand the differences between arrows (another form to indicate more clear). Where is CONSENT? Where is COMPETING INTERESTS? You should change "REFERENCES AND NOTES" to "REFERENCES". References:	Table2-3 round it Morphogenic Target -> I could't get them. "Figure 1." -> "Fig. 1" Fig. 1 add A-D and give their definition -> done align the diagrams in Figure 2. -> done information about Figure 2-4 A-D -> I think they has information, but I reformed and added sentence about a part of Figure.. Figure A has different type in comparison with Figure B-D. -> Figure B and C is composite of a part of the Fig. A. And Fig. D is another point of view of Fig. A. So, I don't want to be independent. Window frame -> deleted Figure 4F -> I delete it because it has on table 3. CONSENT -> Because we only use database data. COMPETING INTERESTS -> It is written
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	“4. I. L. Jung et al.,” Who are another authors? (Correct it in another references too) “Cesium Toxicity Alters MicroRNA Processing and AGO1 Expressions ...”. Write it by small letters (see the guide for the authors and another published articles of the journal) You should add a gap after each name of journal. “SUPPLEMENTAL INFORMATION Supplemental Information includes Extended Experimental Procedures, seven figures, and three table and can be found with this article online at (somewhere; not available now).” If it is not available now, you should delete it.	“REFERENCES AND NOTES” -> “REFERENCES” Reference Correct it in another references too -> done Write it by small letters -> done add a gap after each name of journal. -> done SUPPLEMENTAL INFORMATION -> I already sent supplemental data when I submitted. However I don’t know what should I do, because basically SDI don’t admit supplemental data. So I wrote like that.
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