



SDI FINAL EVALUATION FORM 1.1

PART 1:

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 disease by microRNA/microRNA quantum multi-interaction
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
"When I submitted our paper, I sent draft by mistake." <i>If you will do it in the next time. You should be more attentive.</i> <i>Unfortunately, you did not correct all mistakes. You should check and correct them.</i> "It is necessary to edit the manuscript, because there are a lot of grammar and stylistics errors (METHODOLOGYS, MiRNA's Target, cardio diseases, ...)." <i>Why was it passed? I write it again.</i> <i>There are wrong references. Please, check and correct all references.</i> "DNS and CSC analysis were performed to evaluate miRNA/miRNA multi-interaction in aging, bone and muscle diseases, cardio diseases, endocrine, eye diseases, genital, gastrointestinal disturbance, immune diseases, infection, lifestyle-related diseases, neurodegeneration, renal dysfunction, respiratory diseases, skin diseases, tooth and tumors. 185-189 Reformulate it. -> I can't understand what you want." <i>There are two problems with the phrase.</i> <i>1. When you give an enumeration a list of words, they must correponding one theme. There are a majorite words that means diseases, but another words are beside the point. For example, aging, endocrine, genital, tooth.</i> <i>2. There are the errors in name of diseases. There is not a term "cardio diseases". You should use another term like "cardiovascular diseases". You should replace "renal dysfunction" to "renal failure" etc.</i> "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. -> I disagree your opinion. " <i>It is not only my opinion. You should read attentively the articles. Usually they have the same phrase: "A microRNA (miRNA) is a small non-coding RNA molecule". For explanation of the difference look at the scheme of miRNA expression: miRNA gene > pri-miRNA > pre-miRNA > miRNA.</i> <i>A gene is a locus of DNA that encodes a functional RNA or protein product, and is the molecular unit of heredity.</i> <i>I doubt in the correctness of your results, if you do not understand the difference between DNA and RNA.</i> "Line 20-21 "miRNAs have an important role in the transcriptional regulation". It is not	Thank you for your comments. You should be more attentive. -> I can't apologize enough. Why was it passed? -> I'm sorry. I don't know what is correct, but I modified "METHODOLOGYS" to "METHODOLOGY" and "diseases" to "disease." But I don't know how to modify "miRNA's target" If you mean references like [1-3], they are modified to [1,2,3] Aging -> Age-related disease endocrine -> endocrine disease genital -> genital disease tooth -> tooth disease I modified "cardio diseases" to "cardiovascular diseases" and "renal dysfunction" to "renal failure." But I don't know how to modify others. Of course I know them.



SDI FINAL EVALUATION FORM 1.1

correct. Give, please, another definition. -> I disagree your opinion. post-transcriptional and occasionally transcriptional regulation" <i>It is not my opinion.</i> <i>There are 2 different errors.</i> <i>1. miRNAs have an important role in the post-transcriptional regulation. What does "occasionally transcriptional regulation" mean? If you have such information, you should explain correctly with right references.</i> <i>2. Did you read the articles (your references [4-6] after such phrases)? The authors of these articles investigated other problems ([4-6]). There are wrong references.</i> <i>In addition, you cannot give a reference in your manuscript to reference of another article (in the introduction). For example,</i> <i>[4] I. L. Jung et al., Cesium Toxicity Alters MicroRNA Processing and AGO1 Expressions in Arabidopsis thaliana. PLoS One. 2015;10:e0125514.: Phrase from their introduction "MiRNAs are a class of small non-coding RNA molecules, 21-22 nucleotides in length, which function in the post-transcriptional regulation of gene expression [15]."</i> "Window frame -> deleted" <i>It was not deleted.</i> <i>Tables 1-3</i> <i>There are not all information, because the table too big for the page. Correct it.</i> <i>References (see the guide for the authors and another published articles of the journal):</i> <i>There are mistakes:</i> <i>For example:</i> <i>1. Yang C, Tang R, Ma X, Wang Y, Luo D, Xu Z. Tag SNPs in long non-coding RNA H19 contribute to susceptibility to gastric cancer in the chinese han population. Oncotarget. 2015.</i> <i>Where is a number of the journal and the pages?</i> <i>2. Ebert MS, Sharp P a. Roles for MicroRNAs in conferring robustness to biological processes. Cell. 2012;149(3):505-524.</i> <i>What is "P a."? Why was "MicroRNAs" written in capital letter?</i> <i>4. Jung IL, Ryu M, Cho SK, Shah P, Lee JH, Bae H, et al. Cesium toxicity alters microRNA processing and AGO1 expressions in Arabidopsis thaliana. PLoS One. 2015;10(5):e0125514.</i> <i>Why was not "Arabidopsis thaliana" written in italic type?</i> <i>Etc. Please, check and correct all references.</i> <i>There are errors:</i> <i>Aim:</i> <i>"diagnosis on human disease"</i> <i>Methodology:</i> <i>There are errors: "149 of human disease."</i> <i>Lines 44-53 I did not find this information in your reference [16]. Add other references. Check and correct other such errors.</i> <i>Lines 38, 80 You should write "miRBase (http://mirbase.org/)" in the first mention of miRbase. Check and correct other such errors.</i> 92-93	I'm sorry for my mistake. window frame is deleted. Tables are modified. 1. Because I couldn't get a number of the journal and the pages or doi. 2. "P a." -> "P.A." "MicroRNAs" -> "microRNAs" 4. "Arabidopsis thaliana" -> "<i>Arabidopsis thaliana</i>" I don't know what is correct. But I modified "diagnosis on human disease" to "diagnose human disease" and "149 of human disease" to "149 human disease." I exchanged [16] and [17]. miRBase and PolymiRTS is modified
---	--



SDI FINAL EVALUATION FORM 1.1

<i>The diapason of miRNA length is from 17n to 27n. What is “length as 23”? I doubt in the correctness of your calculates, if you used only one parameter of miRNA length.</i>	MiRNA which length less than 24nt is considered (This is written in miRNA memory I), and our used data doesn’t have miRNA which length over than 24nt. And, actually, our formula suggest that miRNA length doesn’t matter. Only need is the number of Guanine. But I modified 23 to M_i to generalize.
---	--