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." ***A reviewer will not check a paper, if you will do it in the next time. You should be more attentive.*** ***Unfortunately, you did not correct all mistakes. You should check and correct them.*** **"It is necessary to edit the manuscript, because there are a lot of grammar and stylistics errors (METHODOLOGYS, MiRNA's Target, cardio diseases, ...)."** ***Why was it passed? I write it again.*** ***There are wrong references. Please, check and correct all references.*** **"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."** ***There are two problems with the phrase.*** ***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.*** ***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.*** **""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. "** ***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.*** ***A gene is a locus of DNA that encodes a functional RNA or protein product, and is the molecular unit of heredity.*** ***I doubt in the correctness of your results, if you do not understand the difference between DNA and RNA.***	

"Line 20-21 "miRNAs have an important role in the transcriptional regulation". It is not correct. Give, please, another definition. **-> I disagree your opinion. post-transcriptional and occasionally transcriptional regulation"** ***It is not my opinion.*** ***There are 2 different errors.*** ***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.*** ***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.*** ***In addition, you cannot give a reference in your manuscript to reference of another article (in the introduction). For example,*** ***[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]."*** **"Window frame -> deleted"** ***It was not deleted.*** ***Tables 1-3*** ***There are not all information, because the table too big for the page. Correct it.*** ***References (see the guide for the authors and another published articles of the journal):*** ***There are mistakes:*** ***For example:*** ***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.*** ***Where is a number of the journal and the pages?*** ***2. Ebert MS, Sharp P a. Roles for MicroRNAs in conferring robustness to biological processes. Cell. 2012;149(3):505-524.*** ***What is "P a."? Why was "MicroRNAs" written in capital letter?*** ***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.*** ***Why was not "Arabidopsis thaliana" written in italic type?*** ***Etc. Please, check and correct all references.*** ***There are errors:*** ***Aim:*** ***"diagnosis on human disease"*** ***Methodology:*** ***There are errors: "149 of human disease."*** ***Lines 44-53 I did not find this information in your reference [16]. Add other references. Check and correct other such errors.*** ***Lines 38, 80 You should write "miRBase (http://mirbase.org/)" in the first mention of miRbase. Check and correct other such errors.***	

92-93 ***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.***	

Reviewer Details:

Name:	**Olga A. Berillo**
Department, University & Country	**Department of Biology and Biotechnology, Al-Farabi Kazakh National University, Kazakhstan**