ReviewForm3

JournalName:	AsianJournalofBiology
ManuscriptNumber:	**Ms_AJOB_125133**
TitleoftheManuscript:	**Effects ofDialliumandZiziphushoney insecond-degree burnsonwistarrats.**
Type oftheArticle	

PART 1: Review Comments

CompulsoryREVISIONcomments	**Reviewer'scomment**	**Author'sFeedback***(Pleasecorrectthemanuscript andhighlight thatpart inthemanuscript.Itismandatory that authorsshouldwritehis/herfeedback here)*
Pleasewriteafewsentencesregardingthe importance ofthismanuscriptforthescientificcommunity.Why do youlike(ordislike)thismanuscript?Aminimumof3-4 sentencesmaybe required forthispart.	**Thearticle,unfortunately,hasno valueforthescientific community,notbecauseofthesubjectaddressed, which isquite controversial inmedical practice, there are differences between Western andEastern medicine,especially in termsofthemethod of realization,beingapurelyobservational,simplisticstudy, withoutascientificcertificationofthe results.**	
Isthetitleofthe articlesuitable? (Ifnotpleasesuggestanalternativetitle)	**Thetitlewouldhavebeen well chosenifthe contentofthearticleprovedascientificapproach.**	
Istheabstractofthearticlecomprehensive?Doyou suggesttheaddition(ordeletion)ofsomepointsinthis section?Pleasewriteyoursuggestionshere.	**Itisnotrelevantinthe contextofthisarticle.**	
Aresubsectionsandstructureofthemanuscript appropriate?	**Itisnotrelevantinthe contextofthisarticle.**	

Pleasewriteafewsentencesregardingthescientific correctnessofthismanuscript.Whydoyouthinkthat thismanuscriptisscientificallyrobustandtechnical ly sound?Aminimum of3-4sentencesmayberequired forthispart.	**Forcomparisonwithothersimilarstudies,allowmetoquoteandmentionafewarticles:** **1. TheEffectofHoneyinSecondDegreeBurnHealing onWistar Rats(OverviewofAngiogenesis andtheNumberofFibroblasts)AyyasilzazAlmaz–** Objective:todeterminetheeffectofhoneyinseconddegreeburnhealingfromangiogenesisandthenumberof fibroblastsonWistar rats.Methods:Thisresearchusedaposttestonlycontrolledgroupdesignon15ratswith randomselectionanddividedinto3groups:H-Gwasgivenhoney,B-GwasgivenBioplacentonÂ®,N-G without anytreatmentafterburnwasinduced.Ratsweregivenaseconddegreeburninasizeof2cm x2cm on thebackareaandweretreatedtwiceadayfor14days.Burnhealingwasmeasuredbycalculatingtheobservation resultsofmicroscopicVEGFexpression,thenumberofneovascularization,andthenumberoffibroblasts. HypothesisanalysisusedAnnovapost hocLSDandMann-Whitney.Results: Thehighest meaninVEGF expressionandthenumberofneovascularizationwasobtainedfromgroupB-GfollowedbygroupH-Gand groupN-G. SignificantdifferencesinthenumberofneovascularizationbetweengroupB-GandgroupN-G, p<0.05. Conclusion:Honeycanprovidea healingeffectontheseconddegreeofburnsinWistarrats intermsof thenumberofneovascularizationaswellasBioplacenton **2. Anti-inflammatoryandWound HealingActivitiesofAloevera,HoneyandMilkOintmenton Second-DegreeBurnsinRats,ParvizFarzadinia** Theaim ofthepresentstudy wasmorphologicalandmorphometricinvestigationofburnhealingimpactsofan honey,milk,andAloevera(HMA)ointmentonexperimentallyinducedsecond-degreeburns, toapprovethe medicinalbasisofitsuseinIraniantraditionalmedicine.Atotalof21maleAlbinoratsweighing 200to300g weredividedinto3groupsof7, including (1)controlgroup,(2)positivecontrolgroup, and(3)thetreatment groupthatweretreatedwitheucerin,silversulfadiazine3%andHMAointment5%respectively.Afteranesthet izing,thesecond-degreeburns(1cm(2)areas)weremadeonthebackoftheanimalsusingadigital controlledhotplaque,andeachgroupwastreatedtopically,basedonthetimescheduled.Then,skinpunch biopsieswereobtainedonthe1st,14th, and28thdaysofpost-burninduction;processed;andstainedusing hematoxylinandeosinandMasson's trichromemethods.Theresultsshowedthat HMAointmentinducescell proliferation,increasingthewoundclosurerate,bloodvesselcounts,andcollagenfiberdensityintreated animals.Italsoreducedthewoundsecretions,inflammation,andscarformation.According totheobtained morphological,morphometricresults,weconcludedthatthetraditionalHMAointment,whichisrichin therapeuticbiomaterials andminerals,hasmultiplehealingeffectsonburnwoundsinrats. **Thesearticlesrespecta scientificrigoranddo notleavetheimpressionofanempiricalstudy.**	

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Arethereferencessufficient andrecent?Ifyouhave suggestionsofadditional references,pleasemention theminthe reviewform. **-**	**Itisnotrelevantinthe contextofthisarticle.**	
MinorREVISIONcomments **Isthe language/Englishqualityofthearticlesuitable forscholarly communications?**	Itisnot relevantinthecontextofthisarticle.	
Optional/Generalcomments	No,Idid notfindanyethicalissuesin thismanuscript. No,Idid notfindanycompetinginterestissuesin thismanuscript No identifyinroutineweb search,but verificationwith appropriatesoftwareismandatory	

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Cirimbei Ciprian**
Department, University & Country	**Institute of Oncology, University of Medicine and Pharmacy, Romania**