

KW2019-DPS-1272

Final Report Assessment / Evaluation Certificate

(Two-member expert Committee Not belonging to the Institute of the Principal Investigator)

(To be submitted with the final report)

It is certified that the final report of Major Research Project entitled "Bee Propolis - Its hepatoprotective guided isolation and characterization using HepG2 cell line and quantification of its bioactive markers" by Dr. Mubashir Hussain Masoodi, Department of Pharmaceutical Sciences, University of Kashmir, Srinagar, J&K has been assessed by the committee consisting the following members for the final submission of the report to the UGC, New Delhi under the scheme of Major research project.

Comments /Suggestions of the Expert Committee:

This final report for assessment contains the description of the research work carried out under UGC sponsored MRP entitled "Bee Propolis - Its hepatoprotective guided isolation and characterization using HepG2 cell line and quantification of its bioactive markers" under UGC reference No: 42-681/2013 (SR). The undersigned have gone through this report and have made the following observations with regard to this project:


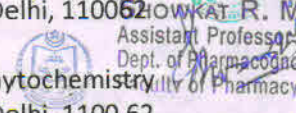
1. The subject chosen is important and has been nicely introduced in the first chapter with rightly chosen objectives.
2. The literature has been appropriately reviewed citing latest references.
3. The experimental design for this project has been well planned and the results obtained clearly show the accomplishment of the slated objectives.
4. The techniques are adequate.
5. The results have been presented nicely in the form of tables/diagrams/ photo prints and discussed in the right perspective substantiating appropriate documentary evidences.

From Bee Propolis KPET extract, fifteen molecules were isolated from column chromatography and were characterized with the help of the different spectroscopic techniques. The compounds isolated and characterized are categorized under the hydroxycinnamic acids, flavone, flavanol, flavanone. Out of the fifteen isolated compounds, castillicetin 2 has been reported for the first time from the Propolis.

Further, the PI has judiciously used the grants of this project in raising the instrumental facility necessary to carry out this project. Besides, the PI have published 03 publications from this project and one of which has been published in BMRI (IF=2.9).


Name & Signature of Experts with Date:

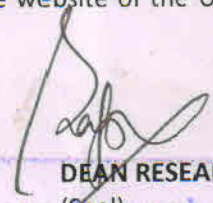


Name of Expert	University	Signature with Date
1. Prof. Bahar Ahmad	Dept of Pharmaceutical Chemistry SPER, Jamia Hamdard, New Delhi, 110062	 Prof. (Dr.) BAHAR AHMED Dept. of Pharm. Chemistry Faculty of Pharmacy Jamia Hamdard, New Delhi-62
2. Dr. S. R. Mir	Dept of Pharmacognosy & Phytochemistry SPER, Jamia Hamdard, New Delhi, 1100 62	 Dr. S. R. Mir, Ph.D Assistant Professor Dept. of Pharmacognosy & Phytochemistry Faculty of Pharmacy PO HAMDARD NAGAR NEW DELHI-110062, INDIA

It is certified that the final report has been uploaded on UGC MRP portal on -----.

It is also certified that the final report, Executive summary of the report, Research documents, monographs, academic papers provided under major Research project have been posted on the website of the University/ College.

  
REGISTRAR  
(Seal)  
Registrar  
University of Kashmir

  
DEAN RESEARCH  
(Seal)  
Dean Research  
University of Kashmir