|  |
| --- |
|  |
| Book Name: | [Medical Science: Trends and Innovations](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4348** |
| Title of the Manuscript:  | **Isolation and Cultivation of Hair Melanocytes** |
| Type of the Article | **BOOK CHAPTER** |

|  |
| --- |
| PART 1: Comments |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript focuses on isolation and cultivation of melanocytes. Which is a very interesting topic in itself. It also emphasizes on the disordersc of melanocyte degeneration which include Vitiligo, melanoma, hair greying. These consequences can be dealt by melanocyte cultivation. By providing a protocol for their isolation and cultivation this manuscript could become a reference in the research and therapeutic area to deal with conditions which involve melanocyte degeneration. It also emphasizes on the techniques like selective tripsinization and daily imaging of the melanocytes which helps in eliminating contaminating cell types and monitoring the growth, proliferation of melanocytes respectively. Also the future scope of stem cell culture, regenerative medicine is mentioned in this paper which is an innovative approach.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes it is suitable.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes, the abstract is comprehensive.**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes, it is scientifically correct.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes the references are recent and the DOI or the URL can be included at the end of each reference for increasing the convenience of the readers.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes the language is suitable for scholarly communication but it can be little simplified by keeping in view the readers from non scientific background. |  |
| Optional/General comments | 1. The full form of DMEM in Materials section need to be included.
2. In materials and methods section only materials is included I humbly request the authors to either add methods section or replace the subheading from Materials and methods to Materials.
3. It would be even more appropriate if the particular temperature required to store the hair follicles can be included in the sample collection first point as the manuscript deals with a protocol and protocol must be precise.
4. I really appreciate this paper for focusing on the protocol for isolation and cultivation of melanocytes, which constitutes a crucial path in future research.
 |  |

|  |
| --- |
| **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: | **Aparna Matpathi** |
| Department, University & Country | **India** |