

## Institutional review board statement

Ethical approval for isolation and conducting experiments using human Wharton's Jelly mesenchymal stem cells was obtained from the Institutional ethical review board at Bhabha Atomic Research Centre Hospital, Mumbai, India (project numbers BARCHMEC/14 and IC-SCR-BARC/2018/2).

Government of India  
BHABHA ATOMIC RESEARCH CENTRE  
(Medical Division)  
BARC Hospital, Anushaktinagar  
Mumbai – 400 094.

Tel : 022 – 2559 83 50 / 2559 83 51  
BARC HOSPITAL MEDICAL ETHICS COMMITTEE

Ref: BARCHMEC/14

Dated : February 18, 2014

To  
**Dr. Dharmendra Kumar Maurya**  
Radiation Biology & Health Sciences Division  
BARC, Mumbai 400085.

Subject: Approval of Thesis Submitted by you to BARC Hospital Medical Ethics Committee  
Titled – 'Isolation of Wharton's Jelly Mesenchymal Stem cells from human Umbilical cord and exploring their radioprotective ability'

Dear Madam,

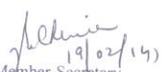
The BARC Hospital Medical Ethics Committee reviewed and discussed your Project '**Isolation of Wharton's Jelly Mesenchymal Stem cells from human Umbilical cord and exploring their radioprotective ability**' in the meetings held on 22<sup>nd</sup> January, 2014 during 22<sup>nd</sup> Meeting of Medical Ethics Committee at 14.00 hrs in the Conference Room No.2, Ground floor, Near Orthopedic OPD, BARC Hospital, Anushaktinagar, Mumbai – 400094. Your Project No. is BARCHMEC/Projects/37/14

1. The Committee approved the Thesis as per the project details submitted & modifications suggested and carried out.
2. The Committee expects you to present the progress of the Project as and when asked.
3. The Committee needs to be informed in writing of any changes in Project details that were submitted and approved.
4. The Final Report on completion of the Project should be submitted and presented before the Committee.
5. The Committee is composed of the following members –

|  |   |                    |
|--|---|--------------------|
| Dr. Alka Deshpande<br>Ex-Professor & Head, Department of Medicine, J.J. Hospital, Grant Medical College, Mumbai – 400 008. | : | Chairperson        |
| Dr. K.B. Sainis, Director, Bio-medical Group   | : | Member             |
| Dr. R.K. Kulkarni, Head, Medical Division  | : | Member             |
| Dr. M. Seshadri, Retired Head, L.L.R.S.S, BARC   | : | Member             |
| Smt. Surinder Jaswal, Prof. & Dean, School of Social Work, Research & Development, TISS, Mumbai.                           | : | Member             |
| Dr. M.S. Kamath, Medico Legal Consultant.  | : | Member             |
| Shri T.B. Sheshshai, Theologian  | : | Member             |
| Dr. Nivedita Moulick<br>Prof. & Head, Dept. of Medicine, LTM Med.College & General Hospital, Mumbai.                       | : | Member             |
| Dr. Susan Cherian, Head, Pathology Unit  | : | Member – Secretary |

Thanking you,

Yours sincerely

  
(19/02/14)  
Member-Secretary  
BARC Hospital Medical Ethics Committee



  
Head,  
Medical Division

**Institutional Committee for Stem Cell Research,  
Bhabha Atomic Research Centre (IC-SCR-BARC)  
Project approval letter**

Ref: IC-SCR-BARC/2018/2

Date: 14/8/2018

**Project Title:** Isolation of Wharton's Jelly and Cord Blood Mesenchymal Stem cells from human Umbilical cord and exploring their therapeutic potential to mitigate radiation injury.

The members of the IC-SCR-BARC met on 12-04-2018 at Bhabha Atomic Research Centre and reviewed the above named project with all the documents submitted. The IC-SCR-BARC Committee after careful deliberations has granted final approval to the project. The above mentioned project/ study may now be undertaken at Bhabha Atomic Research Centre in accordance with the study protocol submitted by the investigators, subject to fulfilling local and other institutional regulations.

Names of the member present during meeting,

- 1) Dr. R. R. Gangakhedkar (Chairman)
- 2) Dr. B. B. Singh (Member)
- 3) Dr. Shajahan (Member)
- 4) Dr. Vinay Kumar (Member)
- 5) Dr. D. K. Maurya (Member)
- 6) Dr. S. Santosh Kumar (Member-Secretary)



Dr. S. Santosh Kumar  
(Member Secretary, IC-SCR-BARC)

**Instructions:**

- This form must be printed and not handwritten.
- Fill the form completely (If there are any questions/queries, please contact the IC-SCR-BARC, member secretary).
- Make sure to include the e-mail address and contact numbers of the PI, Co-investigators.
- Submit the submission form (Part A, B, C) along with the supporting documents if any to the IC-SCR-BARC, member secretary.