

Institutional Biosafety Committee (IBSC) JIPMER

(Minutes of the first meeting held on 20th January, 2014)

The First Meeting of JIPMER Institutional Biosafety Committee (IBSC) was held in the Seminar Room, Dept. of Physiology, JIPMER Academic Center, on **20th January at 3.00 PM**, under the Chairmanship of Dr. S. C. Parija, Dean (Research), JIPMER.

The following members attended the meeting:

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| 1. Dr. S.C. Parija, Dean (Research), JIPMER | Chairman |
| 2. Dr. K. Srikumar, Professor, Dept. of Biochemistry & Molecular Biology, Pondicherry University, Puducherry. | DBT Nominee |
| 3. Dr. G. K. Pal, Professor & Head, Department of Physiology, JIPMER | Member Secretary |
| 4. Dr. Lalit. K. Das, Scientist E, Vector Control Research Center, Medical complex, Indira Nagar, Puducherry. | External Expert |
| 5. Dr. J. Thanislass, Associate Professor, & I/C Molecular Biology Laboratory Dept. of Veterinary Biochemistry, RGIVAS, Puducherry. | External expert |
| 6. Dr. Sarath Chandra Sistla, Professor, Dept. of Surgery, JIPMER | Biosafety officer |
| 7. Dr. Bhawana Badhe, Professor and Head, Dept. of Pathology, JIPMER | Internal Expert |
| 8. Dr. Sujatha Sistla, Professor, Dept. of Microbiology, JIPMER | Internal Expert |
| 9. Dr. Zachariah Bobby, Professor, Dept. of Biochemistry, JIPMER | Internal Expert |

Dr. G. K. Pal, Member Secretary, informed the committee that Dr. V. S. Negi, Prof. and Head of Clinical Immunology, and Member of IBSC had intimated earlier in writing about his unavailability for this meeting.

The following agenda-items were discussed.

1. Dr. Parija, Chairman of IBSC, JIPMER, welcomed the members and gave a brief introduction of how the committee was formed. He mentioned that the IBSC, JIPMER has been registered by DBT, Govt. of India and a notification has been made to this effect.
2. Dr. G. K. Pal, Member Secretary, welcomed the members and described the details of guidelines of IBSC. Dr. Pal also briefed the responsibilities of members of institutional biosafety committee.
3. Dr. K. Srikumar, DBT Nominee, gave his introductory remarks and briefed about the objectives of IBSC.
4. Two research proposals as per the list in the agenda items were presented, discussed and decisions were taken as given below.

Proposal No. 1

Title of the Proposal: "Study on development of recombinant antigens and its evaluation in the serodiagnosis of amoebiasis"

This is a PhD Project Proposal.

Name of the Student: Ms. S. Dhanalakshmi, PhD Scholar, Dept. of Microbiology, JIPMER.

Name of the Guide: Dr. S. C. Parija, Senior-Professor of Microbiology, JIPMER.

Following points were discussed pertaining to the proposal:-

1. Relevance of informed consent for the project
2. Selection of protein will be based on information obtained from cDNA library
3. Disposal of products should be based on standard protocol
4. Safety measures adopted should be in line with Biosafety level II

The proposal was **approved**.

Proposal No. 2

Title of the Proposal: "Development of immunochromatographic assay for the detection of E7 oncoprotein expression of human papilloma virus type 16 and 18 from cervical cancer and high grade squamous intraepithelial lesion cases"

Name of the Student: Ms. A. Priya, PhD Scholar, Dept. of Microbiology, JIPMER

Name of the Guide: Dr. S. C. Parija, Senior-Professor of Microbiology, JIPMER.

Following points were discussed pertaining to the proposal:-

1. Monoclonal antibodies required for study will be outsourced as per requirements.
2. The risk of inadvertent infection to the laboratory personnel is minimal, as only insect cell plasmid DNA is intended for use in this study.
3. It was emphasized that all the precautionary measures should be followed while using baculovirus vector as per standard protocol.

The proposal was **approved** .

5. Dr. Pal informed the committee that all the members of the JIPMER IBSC should receive initial mandatory and refresher training on biosafety, as per the rules, 1989, rDNA guidelines and related regulations and familiarize themselves with IBSC guidelines and institutional policies. It was proposed to conduct a workshop in March, 2014 to train the committee members.
6. It was decided that the next IBSC meeting will be in the month of April. It was proposed that the IBSC meeting should be held four times a year, preferably in January, April, July and October.
7. Dr. Pal informed the committee members that if due to any reason a member is unable to attend IBSC meeting, he/she should inform the Chairperson his inability to attend the

meeting in writing, and requested members to please inform in writing if they fail to attend a meeting.

8. The meeting continued up to 4.30 PM. Meeting ended with Vote of thanks proposed by Dr. G. K. Pal.
9. After the IBSC meeting, members visited the research laboratories of the Microbiology Department, where the work for the two proposals approved are to be conducted. Members expressed satisfaction at the biosafety facilities available in these laboratories.

Dr. G. K. Pal
Member Secretary,
IBSC, JIPMER

Dr. K. Srikumar
DBT Nominee,
IBSC, JIPMER

Dr. S. C. Parija,
Chairman,
IBSC, JIPMER

To:

1. The Officer I/C of IBSC, Department of Biotechnology, Govt. of India.
2. The Members of Institutional Biosafety Committee, JIPMER.
 1. Dr. S.C. Parija, Dean (Research), JIPMER Chairman
 2. Dr. K. Srikumar, Professor, Dept. of Biochemistry & Molecular Biology, Pondicherry University, Puducherry. DBT Nominee
 3. Dr. G. K. Pal, Professor & Head, Department of Physiology, JIPMER Member Secretary
 4. Dr. Lalit. K. Das, Scientist E, Vector Control Research Center, Medical complex, Indira Nagar, Puducherry. External Expert
 5. Dr. J. Thanislass, Associate Professor, & I/C Molecular Biology Laboratory Dept. of Veterinary Biochemistry, RGIVAS, Puducherry. External expert
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Copy to:

- Director, JIPMER, for information.