

The 12th meeting of Tezpur University Biosafety Committee (TUBSC)

Date: 27th August 2018. Venue: Dean R & D, Meeting room, Administrative Building, TU

(A). TUBSC members present in the meeting:

1. Prof. A. K. Mukherjee, Dean R & D, TU: Chairperson TUBSC
(deanrmd@tezu.ernet.in)
2. Prof. A. K. Singh, Department of Biochemistry, NEHU, Shillong, DBT Nominee TUBSC
(aksingh_nehu@yahoo.co.in)
3. Prof. S. S. Ghosh, Department of Bioscience and Bioengineering, IIT Guwahati Outside expert TUBSC (sghosh@iitg.ernet.in)
4. Dr. Raj Kumar Duary, Dept. of FET TU, Member TUBSC (duary@tezu.ernet.in)
5. Dr. R. Doley, Dept. of MBBT, TU: Member TUBSC (doley@tezu.ernet.in)
6. Dr. Nayan M. Kakoty, Dept of ECE TU, Member TUBSC (nkakoty@tezu.ernet.in)
7. Dr. S. K. Ray, Dept. MBBT, TU: Member Secretary TUBSC (suven@tezu.ernet.in)

(B). TU faculty as special invitee

8. Dr. N. D. Namsa, Dept. of MBBT, TU (namsa@tezu.ernet.in)

Agenda of the meeting (detail agenda is given in the attachment):

- (1) Discussion on new proposals submitted by:
 - (i) Dr. N. D. Namsa
- (2) Update on the activity of research projects approved by TUBSC in its previous meetings:
 - (i). Prof. A. K. Mukherjee, Dept. of MBBT, TU
 - (ii). Dr. S. K. Ray, Dept. of MBBT, TU
 - (iii). Dr. R. Doley, Dept. of MBBT, TU
 - (iv). Dr. N. D. Namsa, Dept. of MBBT, TU
- (3) Inputs from the committee members for future course of action.

Minutes of the meeting

1. The Chairperson welcomes the DBT nominee Prof. A. K. Singh and the external expert Prof. S. S. Ghosh. This was followed by introduction of the members present. The Member Secretary briefed all the members regarding the activities of TUBSC.
2. Minutes of the 11th TUBSC meeting was discussed and approved.
3. The DBT Nominee Expressed his satisfaction on the functioning and holding this meeting at a regular interval at Tezpur University.
4. Prof. S. S. Ghosh, advised that the members of the IBSC, TU should take measures for disposal of the microbial contaminated wastes. He also advised that the IBSC TU members to function as facilitator of research activities with biosafety regulations.

Aruni P
28/10/2018

5. The members opined that the Department involved in research on biological, chemical and physical hazards should submit reports on the mechanism of disposal of such waste materials to IBSC for record and suggestions.
6. The members expressed that the decision taken in the last meeting regarding Biosafety officers in the Departments of the University such as (a). Molecular Biology and Biotechnology, (b) Chemical Sciences (c). Physics (d). Food Engineering and Technology, (f). Environmental Sciences, and (g). Energy must be implemented soon. University authority may be requested to issue necessary instruction for facilitate the appointment.
7. Proposal/Progress presentation:
Prof. A. K. Mukherjee, Prof. S K Ray, Dr. R. Doley and Dr. N. D. Namsa presented progress of their research activities approved by IBSC.
 - (i). Prof. A. K. Mukherjee, MBBT TU informed that the research work "cloning and expression of a fibrin(ogen)olytic serine protease gene from *Bacillus cereus* strain AB01" which was approved by IBSC has been going on.
 - (ii). Dr. R. Doley, MBBT TU informed house about the the progress of his work entitled "cloning, expression and characterization of a snake venom Kunitz-type serine protease inhibitor gene"
 - (iii). Prof. S. K. Ray, MBBT TU informed the progress of their work on Indian isolates of *Ralstonia solanacearum*, the causal agent of bacterial wilt disease in plants. He informed the house regarding working with the *R. solanacearum* isolates from Odisha, which was found less virulent than the Tezpur isolate strains.
 - (iv). Dr. N. Namsa, MBBT TU informed that he has shifted biosafety cabinet inside the laboratory as suggested in the earlier IBSC meeting. Dr. Namsa informed about the satisfactory progress of rotavirus epidemiology and cloning, expression of gene derived from rotavirus in bacteria.
8. New proposal presentation:
Dr. ND Namsa presented a new proposal entitled "Identification and characterization of active molecules derived from selected edible medicinal plants of Arunachal Pradesh against rotavirus and clinical isolates of drug resistant *E. coli* and *S. aureus*". In principle the proposal was accepted. He has been advised to submit the proposal for circulation among the IBSC members.
9. The meeting ended with a vote of thank by the member Secretary.

(Signature of Chairperson)

Date: 25/10/2018

(Signature of Member Secretary)

Date: 25/10/2018