



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA, PATNA -14
(An Autonomous Institute of Government of Bihar
Statutory University Created by an Act of Bihar State Legislature)
OFFICE OF THE DEPT. OF MICROBIOLOGY

Letter.No./IGIMS/Micro/ /2021

Date:- / /2021

Minutes of Research Advisory Committee Meeting held on 17th April, 2021

Third Research Advisory Committee meeting was convened in Director's Board Room (1st floor, New Administrative Building), IGIMS from 11:00 AM onwards on 17th April, 2021.

The following RAC members attended the meeting:

Sl. No.	Name & Designation	
01	Prof. (Dr.) Shyam Sundar Department of Medicine, BHU	Chairman
02	Prof. (Dr.) Namrata Kumari HOD, Department of Microbiology & Nodal Officer, MRU. IGIMS	Member Secretary
03	Prof. Paik Jayadeva Bhat Molecular Genetics Lab, Department of Biosciences and Bioengineering, IIT Bombay	Member
04	Prof. Shripad D. Banavali Prof. & Head, Department of Medical and Pediatric Oncology, TMH, Mumbai	Member
05	Prof. (Dr.) V. M. Dayal Dean (Acad.), IGIMS, Patna	Member
06	Prof. (Dr.) Sangeeta Pankaj Associate Dean (Research), IGIMS, Patna	Member
07	Dr. Babban Jee Scientist C, Department of Health Research, New Delhi	Member
08	Prof. (Dr.) S. K. Shahi Ex-Dean (Acad.), IGIMS, Patna & Member, Bihar Technical Service Commission, Patna	Special Invitee
09	Prof. (Dr.) Pradeep Kumar Das Ex- Director, RMRI, Patna & Emeritus Professor (Microbiology), IGIMS, Patna	Special Invitee
10	Dr. Abhay Kumar Scientist II, transplant Immunology and Molecular Genomics, Department of Microbiology, IGIMS, Patna	Co-ordinator

Four of RAC members attended the meeting on virtual platform.

Prof. (Dr.) N. R. Biswas, Director, IGIMS, Patna welcomed all the RAC members and briefed the RAC members about the research activities and priority research areas of Indira Gandhi Institute of Medical Sciences, Patna.

Prof. (Dr.) Shyam Sundar, Department of Medicine, BHU, presided over the meeting:-

I. Confirmation of agenda of last meeting and action taken- [Annexure 1 attached].

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Director
IGIMS, Sheikhpura, Patna-14

II. New Agenda discussed were:

1) **Proposal for the reconstitution of Research Advisory Committee- New Research Advisory Committee composition got approved unanimously [Annexure 2 attached].**

2) **Assessment of performance of each project:**

➤ **2A. Title: Study of causation of cervical cancer using molecular approaches (PI- Prof. (Dr.) Sangeeta Pankaj)**

Suggestions made by the committee members:

Prof. PJ Bhat advised the PI that more data should be incorporated in the study Dr. Babban Jee advised that HPV genotyping should be done in-house.

Prof. Shripad D. Banavali stated that in a study conducted at TMH, it was found that cases are decreasing nowadays in non-vaccinated urban group probably because of the personal hygienic care.

In addition he also suggested that incidence of HPV in Head and Neck cancer should be explored.

➤ **2B. Title: Genetic analysis of Steroid Resistant Nephrotic Syndrome (SRNS)- A single centre study from Bihar (PI- Dr. Pritpal)**

Committee members suggested the PI to increase the sample size, complete the study in short time and discuss the translational value of the work in the project.

➤ **2C. Title: Evaluation of AKT/mTOR substrate P70S6K and phosphor-mTOR Expression in Gallbladder Cancer (PI- Prof. VM Dayal)**

Director, IGIMS reconfirmed about the objectives of the project from Prof. shyam Sundar, which he okayed. Committee members suggested the PI to submit the manuscript in a high impact journal.

Prof. dayal also demanded for more funds to complete his work that was allowed by the committee.

Prof. Banavali wanted to know from the PI whether the clinical outcome of the study will be used in the treatment of the patients, that PI wanted to answer this after more tests and evaluation.

➤ **2D. Title: Role of corneal micro RNA in bacterial keratitis (PI- Dr. Lalan Arya, RIO)**

Committee members appreciated the content of the study and suggested the PI to identify the targets of mi RNAs and provide clinical correlation of the finding.

➤ **2E. Title: Whole Genome Sequencing (WGS) study of carbapenem-resistant bacterial isolates from Bihar region (PIs: Prof. (Dr.) Namrata Kumari, HOD, Microbiology & Dr. Abhay Kumar, Scientist II, Microbiology, IGIMS, Patna).**

Committee members appreciated the objectives of the work and said that this type of NGS-based needs big expenditure. Therefore PIs should apply for the extra-mural funding. They further wanted the PIs to identify the function of the uncommon genes identified in the bacterial isolates, whether some of them are associated with virulence factors or not.

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Director
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- 2F. Title: Acute and sub-chronic toxicity study of Swarna Prasham in rodents. (PI- Dr. Pankaj Prabhakar, Pharmacology)

Committee members agreed with the finding of the study.

- 2G. Title: Dr. Sunanda Kundu (PI) & Dr. Abhay Kumar (Co-PI) Immunomodulatory activities of cinnamon essential oils in visceral Leishmaniasis.

Committee members inquired from the PI on the significance of studying the effect of cinnamon essential oils on amastigotes vis-à-vis promastigotes. Prof. Shyam Sundar suggested the PI to apply for extramural funding.

3) New Suggestions:

- Committee members discussed the feasibility of performing Covid-19 sequencing work in-house and desired to fast-track the work.
- Committee also discussed the AES-based research, which can be taken up by MRU. RAC members were informed about the visit of NIMHANS team to IGIMS and their willingness to make IGIMS level 2 Laboratory for the AES- surveillance work.

The meeting ended with thanks to everyone.

Namrata
17.04.2021

Prof. (Dr.) Namrata Kumari
HOD, Department of Microbiology,
Nodal Officer, MRU, **Dr. Namrata Kumari**
& Member Secretary, Research Advisory Committee,
IGIMS, Patna. Department of Microbiology
I.G.I.M.S., Patna-14

N. R. Biswas
17/4/2021

Prof. (Dr.) N. R. Biswas
Director & Vice-Chancellor,
IGIMS, Patna.

Director
IGIMS, Sheikhpura, Patna-14

Copy to:

- 4) All members, RAC
- 5) PS to Director, IGIMS, Patna for record
- 6) Dean (Academics) & Dean (Research), IGIMS
- 7) Guard File

Enclosure: As above

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Namrata

Prof. (Dr.) Namrata Kumari
HOD, Department of Microbiology,
Nodal Officer, MRU, & Member Secretary,
Research Advisory Committee,
IGIMS, Patna. Department of Microbiology
I.G.I.M.S., Patna-14

Abhay Kumar
17/4/21

Dr. Sunanda Kundu
17/4/2021