
SCHOOL OF PHARMACY & RESEARCH

24/11/ 2018

“RADIOPHARMACEUTICALS IN HEALTHCARE SYSTEM: SAFETY AND REGULATORY ASPECTS”

REPORT

School of Pharmacy and Research, People's University, Bhopal, successfully organized National Seminar sponsored by Atomic Energy Regulatory Board (AERB), Mumbai on **RADIOPHARMACEUTICALS IN HEALTHCARE SYSTEM: SAFETY AND REGULATORY ASPECTS”** on 24th November 2018 at PCMS Auditorium, University Bhopal As per the theme, program was focused on Radiopharmaceuticals and their application in the field of health care system.

This Seminar was inaugurated by Dr. Harish Rao, Pro-Vice-Chancellor, People's University, Dr. Neeraja Mallick, Registrar, Peoples University and presided over by Dr. Neeraj Upmanyu, Convener and Principal, School of Pharmacy & Research, Bhopal (M.P.) by his welcome speech. Key Note speaker of the seminar Dr. Sanyog Jain addressed about the importance of the topic.

First speaker of this event was Dr. Sanyog Jain (Associate Professor, NIPER (Mohali), Chandigarh). He had chosen **“Pharmacoscintigraphy: Principle and applications in evaluation of novel drug delivery systems”** as a theme of his lecture. Being an introductory talk he introduced the concept of Radiopharmaceuticals, their applications and use of Pharmacoscintigraphy technique in the evaluation of novel carriers. Second lecture was taken by Dr. Sameer Taywade (Consultant and head, Nuclear Medicine, Bansal hospital, Bhopal).He had given a talk on **“Radiopharmacy: Basics and clinical utility in Nuclear Medicine”**.He enlightened the participants with various aspects of Radiopharmacy and Nuclear Medicines with live examples. He has also discussed about the various types of Radiation.



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After lunch break in afternoon session third lecture was taken by Dr. Mukul Mathur (Consultant- Nuclear Medicine, Jawaharlal Nehru cancer hospital, Bhopal). He delivered a talk on **“Radiopharmaceuticals in clinical practice”**. He had mainly focused on variety of radiopharmaceuticals can be used to enhance the life span of human volunteers as well as how sensitive they are. He has also discussed the application of radiopharmaceuticals in oncology, endocrinology, gastrology, orthopedics , paediatrics and also the effects of time, distance and shielding in radioactivity. After tea break, Fourth and last lecture was taken by Dr. Ashok Kumar (Associate Professor, Department of Biochemistry, AIIMS, Bhopal). His topic of talk was **“Basics of Radiation Biology and application of Radiopharmaceuticals in Diagnostics”**. He enlightened us how Radiopharmaceuticals can be used for diagnostic purpose, half life of radiopharmaceuticals, units of radioactivity, application of radio immune assay, warbrug effect, symbols used in radiopharmaceuticals as well as thyroiditis.

Students, Faculties from different departments like pharmacy and Nursing colleges of Bhopal have actively participated and benefitted by this event. All participants had given their feedback about program.

Research scholars, UG and PG students also presented nine posters from their research and reviews. Poster was judged by Dr. Abin Mani, Scientist, CSRD, and Bhopal. First prize won by the Poster of Ms. Nansi Jain and Niranjana Kumar, School of Pharmacy and Research, Bhopal, Second prize won by the Poster of Ms. Zeba Alam, Fatima Khan and Pratiksha Banwale, School of Pharmacy and Research, Bhopal, and Third prize won by the Poster of Mr. Ravindra Pal and Shubham Singh, Sagar Institute of Research and Technology, Bhopal. Dr. Ashok Kumar distributed the prizes and certificates to the awardees.

This event was important because it covered all the topics relevant to the pursuit of emerging trends and technologies in **“Radiopharmaceuticals in health care system: Regulatory and Safety Aspects”**.



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At the end of the program, in the valedictory Dr. Neeraj Upmanyu, Convener and Principal SOP&R, People's University extended his gratitude towards Atomic Energy Regulatory Board, Mumbai and the members of organizing committee, for their continuous support. This National Seminar was concluded with vote of thanks delivered by Ms. Tripti Shukla, organizing secretary of AERB sponsored National Seminar and Associate Professor at SOP&R.

Recommendation: Speakers of the event have recommended that one subject related with Radiopharmaceuticals must be incorporated in the curriculum of B. Pharm.



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परमाणु ऊर्जा नियामक परिषद / ATOMIC ENERGY REGULATORY BOARD
Executive Committee Subcommittee -7 (EC-SC-7)

No. AERB/EC-SC-7-20/2018/

April 27, 2018

Dr. Amol R. Chandekar
Organising Secretary
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Sub: Request for financial assistance for "Radiopharmaceuticals in Healthcare System: Safety and Regulatory Aspects", May 28, 2018

Sir,

This has reference to your application for financial assistance for the above event.

The Atomic Energy Regulatory Board has approved sanction of an amount of Rs. 50,000/- (Rupees Fifty Thousand only) as assistance for the event subject to the following:

- A complimentary copy of the proceeding should be supplied to the AERB.
- A certificate to the effect that the amount has been utilized either partly or fully for the purpose for which it was granted and an audited statement of accounts should be sent to AERB.
- The unspent balance, if any, rounded off to the nearest rupee shall be returned by demand draft drawn in favour of Accounts Officer, AERB payable at Mumbai.

The sanctioned amount shall be paid after Member Secretary, EC SC-7, AERB receives from you a claim (in duplicate) in the format shown in the Annexure.

Yours faithfully

(P. Shylamoni) 27/4/18
Member Secretary, EC SC-7



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Annexure CLAIM FORM

Sub: Request for financial assistance for "Radiopharmaceuticals in Healthcare System: Safety and Regulatory Aspects", May 28, 2018

- This refers to your letter (sanction letter AERB/EC-SC-7-20/2018/ dated Apr 27, 2018) offering Rs. 50,000 (Rupees Fifty Thousand only) for holding the above event.
- I accept the following conditions stipulated in the sanction letter.
 - A complimentary copy of the proceeding should be supplied to the AERB.
 - A certificate to the effect that the amount has been utilized either partly or fully for the purpose for which it was granted and an audited statement of accounts should be sent to "Pay & Accounts Officer AERB" with a copy marked to Member-Secretary, EC-SC-7.
 - The unspent balance, if any, rounded off to the nearest rupee shall be returned by demand draft drawn in favour of Accounts Officer, AERB payable at Mumbai.
- Details for transfer of grant by NEFT

Name of Bank	:	CENTRAL BANK OF INDIA
Branch Name	:	PEOPLE'S DENTAL COLLEGE
Account Name	:	PEOPLE'S INSTITUTE OF PHARMACY AND RESEARCH
Account Number	:	322-6865627
IFSC Code	:	CBIN0283493
Cash Credit A/c or Current A/c	:	Saving Account
Status of the organization (please mention whether Government or private organization)	:	Private organization.

Secretary of Pharmacy & Research
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