

AMITY INSTITUTE OF PHARMACY

Outcome Report

On

eWorkshop (Virtual Mode)

On

“In-situ Virtual Pharmacology Techniques”

General Information:

Conducted on : 30th Nov & 1st Dec 2021, time 02:15 PM - 03:10 PM

Total Participants: 160

Venue : Zoom platform

Organized by : Amity Institute of Pharmacy

Convener : Dr. S. Mohanalakshmi, Deputy Director, AIP, AUMP

Coordinator : Dr. Ankit Kumar Yadav, Associate Professor and Mrs. Monika Kaushik, Assistant Professor, AIP, AUMP

Resource Person:

Dr. Dharmendra Ahuja, Director & Professor at Jayoti Vidyapeeth Women's University, Jaipur, Rajasthan. Dr. Dharmendra Ahuja

Moderator: Dr. Ankit Kumar Yadav and Mrs. Monika Kaushik

The outcomes for the above-mentioned eWorkshop

1. What was the inspiration behind taking up this Particular Subject for the Webinar?

The subject of the eWorkshop was selected based upon the following factors:

- Seminar/webinar/e-workshop/guest lecture on In-situ virtual pharmacology techniques is relevant according to the evaluation criteria of major accreditation bodies and most importantly for National Assessment and Accreditation Council (NAAC).
- Lack of awareness related to the use of software and tools related to the virtual animal experiments among the young minds.
- To disseminate the information related to the importance of experimental animal care and the use of software to mimic the animal experiments wherever found relevant.

2. Who were the Distinguished Guest Speakers Invited for the Event. Kindly give their Names, Designations, Organization, Qualifications, Area of Expertise and any Honours and Awards received by them?

Dr. Dharmendra Ahuja, Director & Professor at Jayoti Vidyapeeth Women's University, Jaipur, Rajasthan was invited as a guest speaker for the eWorkshop.

Dr. Dharmendra Ahuja is having more than 20 years of academic and research, and industrial experience. He has published more than 30 research papers in international and national journals. He has successfully got 2 patents published for grants.

He is also completed various projects funded by the industry and parent organization, delivered, and conducted more than 12 invited guest lectures. He has also been Empaneled (on advisory part) as "Mentor for Change" with "Niti Aayog – Atal Innovation Mission" Govt. of Rajasthan.

3. What was the Criteria Considered for inviting the Various Individual Guests, Internal as well as External?

The main criteria for the selection of the external guest speaker were to improve the outreach of the institute with other universities for further collaborations and to enhance the probability collaborative research.

The invited guest speaker is the expert in the field of pharmacology, member of the committee who has developed the software Ex-Pharm for virtual animal experiments. He has also been Empaneled (on advisory part) as "Mentor for Change" with "Niti Aayog – Atal Innovation Mission" Govt. of Rajasthan.

4. Were the guests in advance and if yes, from what previous interaction?

No. The guest was invited for the first time.

5. Were the guests Recommended by someone. If yes, who?

No. The guest speaker was invited based on the personal interaction of Dr. Ankit Kumar Yadav and Mrs. Monika Kaushik, AIP, AUMP.

6. Who all attended the webinar? Also, if possible, give the numbers.

The eWorkshop was attended by the students, teaching fraternity and non-teaching staff of AIP, AUMP. The total no of attendees in the guest lecture were 160.

7. What were the “Take Homes” for the Guests and the Attendees in the form of knowledge, facts, information etc.? The guest speaker discussed following points, which were the Take Homes for the Attendees:

The attendees of the eWorkshop were expected to be benefitted with

- The information related to the ethical considerations related to conduct of experiments on animals.
- The information related to the concept of virtual animal experiments to prevent the cruelty on animals.
- The information related to the available software for the conduct of virtual animal experiments.
- The live demonstration of the working of the Ex-Pharm software for animal experiments.

The guest speaker was provided with the appreciation certificate.

8. Has the Webinar been able to generate any Tangible Gains for the Faculty, Researchers and Students of Amity? If yes, what are these?

It is expected that the understanding of the faculty, researchers, and students of AUMP, attending the eWebinar should have been improved about the ethical consideration related to the conduct of animal experiments, cruelty on animals during the experiments, waivers available for the studies on animals during undergraduate course in pharmacy and the working of the Ex-Pharm software for the conduct of the virtual animal experiments. However, it is not feasible to provide the exact data of the knowledge gained by the attendees at present as there was no systematic evaluation/feedback mechanism used except the verbal

feedback of the attendees, which was positive.

9. Have we Followed-Up with the Guests to consider Various Collaborations such as Joint Research Papers and Publications; Joint Funded Project Student Internships and Placements; Participation in National/International Seminars/Conferences/Workshops; Student/Faculty Exchange Programmes; Post Doctorate tie ups; etc. etc.

Yes, we are in constant touch with the Guest speaker for the future research based on the formulation development and pharmacological evaluation of the developed formulations using the appropriate animal models.

10. What are the plans for utilizing the contacts developed with the Invited Guests, for future cooperation to meet the targets of „ Mission: Connect“ and Mission: Synergy of Brains? Please give a roadmap with timelines.

It has been planned that the guest speaker would be invited for further collaborations for research project, seminar, workshop, and conference at AIP, AUMP.

Starting and end of session with all the dignitaries

30th November 2021 – 1st December 2021

Opening remarks given by

Mrs. Monika Kaushik (Assistant Professor) and Dr. Ankit Kumar Yadav
(Associate Professor), AIP, AUMP

Recording LIVE on YouTube

VIRTUAL PHARMACOLOGY EXPERIMENTATION

By



Prof. (Dr.) Dharmendra Ahuja
Director, Faculty of Pharmaceutical
Science, Jayoti Vidyapeeth Women's
University, Jaipur.

&

Principal Mentor, Experimental
Pharmacology Series (Ex Pharm Series)
Software, BHESU, New Delhi.

&

Listed Mentor For Change – NITI Aayog,
Govt. of India




Address by: Dr. Dharmendra Ahuja

Total Participants: 160

Zoom Webinar

You are in a practice session



Prof. (Dr.) Dharmendra Ahuja

Mrs. Monika Kaushik

Dr. Ankit Yadav

Dr. Shvetank Bh...

Amity University

Prof. (Dr.) S. Mo...

Dr. Shvetank Bhatt


Amity University

Prof. (Dr.) S. Mohanalakshmi

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2:02 PM 30-11-2021

Zoom Webinar



Mrs. Monika Kaushik

Dr. Ankit Yadav

Prof. (Dr.) Dharmendra...


Prof. (Dr.) S. Mohanal...

Dr. Shvetank Bhatt

Recording LIVE on YouTube

OVERVIEW:

1. Introduction.
2. Prevention of cruelty to animals
3. Virtual Experimentation in pharmacology
4. Virtual Experimentation techniques
5. General Software's used in experimental pharmacology.
- 6 Details of Experimental Pharmacology Series (Ex Pharm Series) Software.
7. Advantages of Virtual Pharmacology



Participants (117)

Panelists (8) Attendees (109)

Q Search

- SA Shubham agarwal
- SS Shubham Sharma
- SA Shyam Arora
- SK Sourabh Kumar
- SM Srijan Maheshwari
- SD Sumana Debgharia
- SR Surbhi Rathod
- SP Surya Pratap Singh bhadoriya
- VK Vaishali Kathuria
- VJ Vanshika Jadon
- VG Vartika Gupta
- VS Vijayaraj S
- VY Vikas Yadav
- VK VIPIN KUMAR

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26°C 2:23 PM 30-11-2021

Zoom Webinar | You are viewing Prof. (Dr.) Dharmendra Ahuja's screen | View Options

Recording LIVE on YouTube

Study of diabetic activity using metabolic cage

Introduction | Experiment | Observation

Vehicle Treated | Drug Treated

Notice the line gaps are off the bench

Administer

Vehicle | Furosemide (10 Mg Kg)

Participants: 92

Unmute | Start Video | Participants | Q&A | Chat | Share Screen | Raise Hand | Leave

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24°C | 2:31 PM | 01-12-2021

Participants (92)

Panelists (8) | Attendees (84)

Q Search

- AB Abhinav Bansal
- AR Abhishek Rajput
- AJ Adarsh Jain
- AA Afjal Ansari
- AK Aman Kumar
- AS Aman Singh Chauhan
- AR Ankit Raj
- AK Ankita Kishore
- AR Anmol Raj
- AJ Anshika Jain
- AU Anshul Upadhyay
- AS Anupam Singh
- AG Ashi Gupta
- AC Ayushi Chhabra

Prof. (Dr.) Dharmendra Ahuja

Mrs. Monika Kaushik

Prof. (Dr.) S. Mohanlal

Dr. Ankit Yadav

Dr. Parmeshwar Raula

Zoom Webinar | You are viewing Prof. (Dr.) Dharmendra Ahuja's screen | View Options

Recording LIVE on YouTube

Effects of Drugs on the Frog Heart

Setup

Current Drug Level: None

Previous drug injected: No Drug

Drug selection: --Select Drug--

Dose: 0 ug

Inject drug | Wash Out

Before injecting new drug please click on wash out button

Participants: 91

Unmute | Stop Video | Participants | Q&A | Chat | Share Screen | Raise Hand | Leave

Type here to search

24°C | 2:33 PM | 01-12-2021

Participants (91)

Panelists (8) | Attendees (83)

Q Search

- NK Nancy Kumari
- NA Navdeep Asthana
- NK Navneet Kumar
- NN Neha Narwal
- NS Neha Sargam
- PS Pallvit Singh
- PK Pawan kumar Gupta
- PY piyush yadav
- PS Prakhari Singh
- PD Prashant Dandotiya
- PM Prathap M
- RK Rahul Kant
- RM Rajdeep Mazumdar
- RK Rishi Kumar

Mrs. Monika Kaushik

Prof. (Dr.) Dharmendra Ahuja

Prof. (Dr.) S. Mohanlal

Dr. Ankit Yadav

Dr. Neeraj Mishra

Zoom Webinar

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View Options

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Ex-Pharm Series Software

heeb-nic.in/Ex-Pharm/login.php

Virtual Lab Ex-Pharm Series Software

Enter Username Enter Password Log in

#clostertogod

Participants (137)

Panelists (8) Attendees (129)

Search

- SY Sandeep Yadav
- SK Sanjeev Kumar
- SB Sanskriti Bhadoria
- SK Sapna Kumari
- SD Saurabh Dhakar
- SS Saurabh Saraswat
- SK Shaan Khan
- SA Shahbaj Alam
- SS Shailendra Sharma
- SD Sheetal Deshpande
- SP Shiv Pratap Singh Chauhan
- SG shivani gupta
- SJ SHREYANSH jain
- SK Shreyansh Kulshreshtha

Mute Stop Video Participants 137 Q&A Chat Share Screen Raise Hand Leave

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26°C 2:51 PM 30-11-2021

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