



SCHOOL OF PHARMACY CIRCULAR

No: AJU/SOHAS/092/23

Date 11.05.2023

It is hereby notified that School of Pharmacy will conduct a seminar entitled as 3Rs in animal testing on 15th May 2023, 10 am onwards. The students of School of Pharmacy are herewith notified to avail the opportunity. Venue will be the seminar hall, SUSHRUTA Block of ARKA JAIN University.



Dean
School of Pharmacy
ARKA JAIN University Jharkhand

**Dean
School of Pharmacy**

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Class Coordinators
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SEMINAR ON 3RS IN ANIMAL TESTING

| | |
|----------------------------|---|
| Date of Event | 15.05.2023 |
| Name of the Event | Seminar on 3Rs in Animal Testing |
| Type of the Event | A Collaborative & Technical Skill Development Session |
| Conducted by | School of Pharmacy in collaboration with Siksha ‘O’ Anusandhan University, Bhubaneswar |
| No. Of Participants | 50 |

OBJECTIVE: To make the students understand about the birth of drug, preclinical studies, preclinical research, principle of pharmacological research, experimental models to define the pharmacological profile of a compound, cellular model and preclinical development, animal models reproducing the disease characteristics and drug evaluation that is how can able to replace animal models with others, as many trials as required as few as possible and minimize stress of study animals.

DETAILS: In collaboration with the MOU partner Siksha O Anusandhan Univerity a seminar on 3Rs in Animal Testing was conducted by School of Pharmacy at ARKA JAIN University on 15th May 2023. The speaker of the seminar was Dr. Shakti Ketan Prusty, Assistant Professor, Siksha O Anusandhan Deemed to be University Bhubaneswar, Odisha. He explained the principle of Replacement, Reduction, and Refinement (3Rs) of animal experiments was from its beginning described as a way to generate high-quality data with minimum amount of suffering inflicted on animals. The ultimate goal is replacement of animals, ideally with systems and strategies providing better, more human-relevant data. Each field must develop its own 3Rs strategy since it needs to be demonstrated that alternative approaches can deliver the same or better quality of data with improved methods or processes in turn saving time and cost. Especially in toxicological research and other nonclinical areas, a validation culture has developed, to compare traditional animal experiments with new ways of information generation.

The audience of the seminar were basically the students and faculties of School of Pharmacy ARKA JAIN University. The seminar was conducted smoothly by the coordination of students, faculty members and laboratory technicians of School of Pharmacy.

OUTCOMES: Multiple ways in which the use of animals can be minimized and even eliminated. The 3Rs principles can be effectively implemented without affecting the design of animal studies and without, most importantly, compromising safety. Future progress, however, will depend, in a large part, on the level of support provided to develop new animal reduction strategies that will support regulatory acceptance of the 3Rs.

| Resource | Designation | Affiliation | Mail ID | Phone No |
|-------------------------|---------------------|---|-----------------------------|------------|
| Dr. Shakti Ketan Prusty | Assistant Professor | Siksha 'O' Anusandhan Deemed to be University Bhubaneswar, Odisha | shaktiketanprusty@soa.ac.in | 8249006417 |

Poster of the Event

JGI ARKA JAIN
University
Jharkhand

School of Pharmacy
In Collaboration with
MoU Partner

Organized

A Seminar on
**3RS IN ANIMAL
TESTING**

Date : May 15th, 2023

Time : 10:00 am
Venue : Seminar Hall, SUSHRUTA Block

**A Collaborative Technical Skill
Development Session**

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Dr. Shakti Ketan Prusty
(Assistant Professor)
Siksha O Anusandhan Deemed to be
University Bhubaneswar, Odisha

www.arkajainuniversity.ac.in Toll Free : 1800-1200-200

Poster of the Event 3RS in Animal Testing

Photos of the Event



Geo Tag photos of seminar 3Rs in animal testing



Spiritual inauguration of the seminar



All together under one frame



Presenting the session



Vote of thanks by Mr Sumanta Sen, Associate Professor, School of Pharmacy

Students' Attendance

JGI | **ARKA JAIN University**
Jharkhand
SCHOOL OF PHARMACY
Event Registration cum Attendance Form

Name of the Event: Seminar on ZRS IN ANIMAL TESTING Date of the Event: 16/5/23 to 16/5/23

| Sl. No. | Name of the Candidate | Enrolment No | Signature of the Candidate | Feedback | | | | | | Attendance | | | | | | | |
|---------|-----------------------|--------------|----------------------------|---------------------------------------|---|---|---|---|---|---|---|---|--|----|----|-------|-------|
| | | | | How would you like this session/event | | | | | | The speaker explained the topic clearly | | Would you like to attend this type of event/session in future | | D1 | D2 | D, D, | D, D, |
| | | | | E | V | G | A | P | Y | N | Y | N | | | | | |
| 1 | Isha Kumari | AJU/220368 | <i>Isha</i> | / | | | | | / | | / | | | | | | |
| 2 | Abhijeet Shivam | AJU/220315 | <i>Abhijeet</i> | / | | | | | / | | / | | | | | | |
| 3 | Piyush Kar | AJU/221732 | <i>Piyush</i> | / | | | | | / | | / | | | | | | |
| 4 | Hemant paswan | AJU/220145 | <i>Hemant</i> | / | | | | | / | | / | | | | | | |
| 5 | Piyush Kar | AJU/220431 | <i>Piyush</i> | / | | | | | / | | / | | | | | | |
| 6 | Pratima Kumari | AJU/220109 | <i>Pratima</i> | / | | | | | / | | / | | | | | | |
| 7 | Gulshikha Pawan | AJU/220444 | <i>Gulshikha</i> | / | | | | | / | | / | | | | | | |
| 8 | Pratima Kumari | AJU/220413 | <i>Pratima</i> | / | | | | | / | | / | | | | | | |
| 9 | Piyush Kar | AJU/220142 | <i>Piyush</i> | / | | | | | / | | / | | | | | | |
| 10 | Gayatri Bej | AJU/220218 | <i>Gayatri</i> | / | | | | | / | | / | | | | | | |

*E-Excellent, V-Very good, G-good, A-Average, P-Poor

[Signature]
Signature of the Head

[Signature]
Signature of the Event Coordinator

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SCHOOL OF PHARMACY
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| | | | | E | V | G | A | P | Y | N | Y | N | | | | | |
| 11 | Manish Rahman | AJU/220805 | <i>Manish</i> | / | | | | | / | | / | | | | | | |
| 12 | Abhishek Kumar | AJU/220805 | <i>Abhishek</i> | / | | | | | / | | / | | | | | | |
| 13 | Rishika Bej | AJU/220037 | <i>Rishika</i> | / | | | | | / | | / | | | | | | |
| 14 | Vikant Kumar | AJU/210414 | <i>Vikant</i> | / | | | | | / | | / | | | | | | |
| 15 | Sukham Kushwaha | AJU/210302 | <i>Sukham</i> | / | | | | | / | | / | | | | | | |
| 16 | Avinash K. Singh | AJU/210574 | <i>Avinash</i> | / | | | | | / | | / | | | | | | |
| 17 | Kunal K. Sharma | AJU/210720 | <i>Kunal</i> | / | | | | | / | | / | | | | | | |
| 18 | KRITI KUMARI | AJU/210663 | <i>Kriti</i> | / | | | | | / | | / | | | | | | |
| 19 | Hemant Pandey | AJU/210720 | <i>Hemant</i> | / | | | | | / | | / | | | | | | |
| 20 | Kushi Kumari | AJU/210330 | <i>Kushi</i> | / | | | | | / | | / | | | | | | |

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