

A Webinar on “Animal use in Biomedical Research” presented by Dr. Shubhashish Sarkar, Senior Scientist, University of Texas, Galveston, USA was organized by School of Biochemistry and Energy & Environment task Force on occasion of World Animal Day (4th October) on 8th October, 2021 at 6.30 pm. Approximately 50 participants attended the talk.

Devi Ahilya Vishwavidyalaya, Indore
Webinar Invitation
Date- October 08, 2021 Time- 6.30 pm (IST)

On Occasion of World Animal Day (October 4, 2021)

**School of Biochemistry
and
Energy & Environment Task Force**
Organizes A Webinar
On
"Animal Use in Biomedical Research"

Presented By
Dr. Shubhashish Sarkar Houston, Texas (USA)

Prof. Renu Jain Prof. Ashok Sharma Sh. Anil Sharma Prof. Rekha Gadre
Energy and Environment Task Force Members

Shubhashish Sarkar is presenting

Animal use in biomedical research
A historical perspective

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Timeline:

- 300 BC: Anatomical curiosity
- 12 Century: Test Surgical Tech
- 17-18 Century: Age of Enlightenment
- 1876: Tom Regan
- 2000: Modern Era

Key Concepts:

- Rise of Moral Consideration for Animals
- 300 BC: pain in animal was a necessary evil
- 1876: Cruelty to Animals Act (the Act)
- 2000: Animal Welfare Act (AWA)

Talking Point 3R's: Regulation

1. Reduction
2. Refinement
3. Replacement

Participants: Shubhashish S., moeta jain, Sumati Hajela, rubina choudhary, deepak bhatna..., Amit Singh Yad..., ANAND KAR, Dr.S.M. Gokhale, Renu, Shweta Sharma, 32 others, You

6:54 PM | World Animal Day Talk

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Shubhashish Sarkar is presenting

Animal use in biomedical research

Conclusion



- Animal research is crucial in the advancement of biomedical research
- Scientists themselves have thought and developed many alternative methods and refined practices
- The use of animal in research is protected both at federal and local level
- Society as a whole considers animal use of animals to improve the health of human being
- Be humane, when using animal in your research

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23

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Shubhashish Sarkar	Renu Jain	meeta jain	Amit Singh Yadav	deepak bhatnagar	rubina choudhary	ANAND KAR	Dr.S.M. Gokhale
swati raghuwanshi	Ruqaiya Tinwala	Shweta Sharma	Devshree Hajare	Bilquees Khan	Prof Bharti Jamra	mousam sharma	Apoorva Singh
Poonam Sarkar	Ayushi kabra	Kamal	ASHWANI RAO	suhani vijayvargiya	Renu	Sagar Solanki	vishnu patidar
Kamna Sawner	Deepali Yadav	Anju Parmar	Bhavna Chouhan	Chitra Mishra	Veena Vishwakarma	RAJKUMAR PRAJAP...	shaishavee saini
kunal	sharda shah	Priyanka Makode	Poonam Thapa	Shahbaz Khan	shreya mandavi	YOU	

7:50 PM | World Animal Day Talk

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