

DAILY MEDIA NEWS RELEASE

LAS-EATP-2026 | 1–3 SEPTEMBER 2026

**School of Pharmacy and Emerging Sciences (SPES)
Baddi University of Emerging Sciences & Technology**

1 SEPTEMBER 2026 | DAY 1

Baddi University Launches Three-Day Hands-on Workshop on Translational Pharmacology

Baddi, September 1, 2026: Baddi University of Emerging Sciences & Technology (BUEST), through its School of Pharmacy and Emerging Sciences (SPES), inaugurated the three-day hands-on workshop “**Laboratory Animal Science and Emerging Alternatives in Translational Pharmacology (LAS-EATP)-2026**” on September 1, 2026. The programme is being organised to mark the **2nd National Pharmacology Day** and to honour the contribution of **Col. R. N. Chopra, regarded as the Father of Indian Pharmacology**.

The inaugural day focused on strengthening participants’ understanding of **ethical laboratory animal research, regulatory requirements, translational pharmacology and practical research skills**. Sessions covered laboratory animal ethics and the **3Rs principle, animal housing and humane endpoints, CCSEA guidelines and the IAEC approval process**, followed by hands-on training in laboratory animal handling and routes of drug administration.

Eminent experts delivered the scientific sessions. **Dr. Mahendra Bishnoi, Scientist F, NABI, Mohali**, delivered an insightful session titled “**TRP Channels: A Novel Frontier in Obesity and Metabolic Therapeutics**,” highlighting emerging therapeutic possibilities involving TRP channels in metabolic disorders.

Prof. S. S. Sharma, Vice President, Society of Indian Pharmacology, addressed participants on “**Pharmacology Research: From Study Design to Data Analysis**,” providing valuable insights into systematic research planning, study design and appropriate analysis of pharmacological data.

During the inaugural scientific programme, **Prof. (Dr.) T. R. Bhardwaj, Advisor to the Chancellor, Prof. (Dr) Ravinesh Mishra, Dean SPES, Prof. (Dr.) Bhartendu Sharma HoD, SPES, and Ms. Alka Sharma, HoD, D. Pharm,** warmly welcomed and facilitated **Dr. Mahendra Bishnoi and Prof. S.S. Sharma** during their expert session. Their presence and support contributed to the smooth conduct of the scientific proceedings and reflected the institution's commitment to promoting meaningful academic and research interactions with eminent experts.

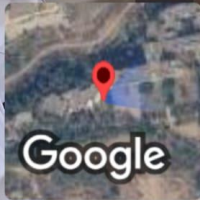
The day provided participants with an integrated blend of **expert lectures, ethical research orientation and practical exposure**, establishing a strong scientific and ethical foundation for the subsequent hands-on sessions of **LAS-EATP-2026**.







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2 SEPTEMBER 2026 | DAY 2

Advanced Hands-on Training Highlights Second Day of LAS-EATP-2026 at BUEST

Baddi, September 2, 2026: The second day of the Laboratory Animal Science and Emerging Alternatives in Translational Pharmacology (LAS-EATP)-2026 workshop at Baddi University focused on advanced practical training in laboratory animal handling, drug administration and biological sampling techniques.

The hands-on programme provided participants with practical exposure to animal restraint and handling, oral gavage, intraperitoneal (IP), intravenous (IV), subcutaneous (SC) and intramuscular (IM) routes of drug administration, along with blood and tissue sampling techniques. Participants were also trained in post-procedure monitoring, animal sacrifice, organ harvesting and tissue processing, with emphasis on ethical and humane research practices.

The expert sessions further strengthened participants' understanding of responsible laboratory animal research.

Prof. Ravinesh Mishra, Dean, School of Pharmacy and Emerging Sciences, BUEST, delivered a session on “**Animal Housing Care and Humane Endpoints**,” focusing on appropriate animal care, housing practices and recognition of humane endpoints during experimental studies.

Dr. Ashok Jangra, Central University of Haryana, addressed participants on “**CCSEA Guidelines and IAEC Approval Process**,” providing important insights into regulatory compliance and institutional ethical approval requirements for laboratory animal-based research.

Dr. Sapana Khushwaha, Assistant Professor, NIPER, Raebareli, addressed participants on “**Selection and Standardization of animal models in Pharmacology and Toxicological studies**” focusing on the scientific rationale for selecting appropriate animal models, their standardization, and their relevance in pharmacological and toxicological research. The second day thus combined regulatory awareness with intensive practical training, helping participants develop greater competence in conducting laboratory animal experiments in an ethical, scientifically rigorous and reproducible manner.

During the inaugural scientific programme, **Prof. (Dr.) T. R. Bhardwaj, Advisor to the Chancellor, Prof. (Dr) Ravinesh Mishra, Dean SPES, Prof. (Dr.) Bhartendu Sharma HoD, SPES, and Ms. Alka Sharma, HoD, D. Pharm**, warmly welcomed and facilitated

Dr. Ashok Jangra and Dr. Sapana Khushwaha during their expert session. Their presence and support contributed to the smooth conduct of the scientific proceedings and reflected the institution's commitment to promoting meaningful academic and research interactions with eminent experts.

3 SEPTEMBER 2026 | DAY 3

Emerging Alternatives Take Centre Stage on Final Day of LAS-EATP-2026

Baddi, September 3, 2026: The three-day Laboratory Animal Science and Emerging Alternatives in Translational Pharmacology (LAS-EATP)-2026 workshop at Baddi University concluded with a strong focus on next-generation research methodologies and emerging alternatives to conventional experimental approaches.

The final day highlighted the increasing importance of human-relevant and technology-driven approaches in modern pharmacological research. Participants were introduced to New Approach Methodologies (NAMs), organoids, organ-on-chip technologies, physiologically based pharmacokinetic modelling (PBPK), quantitative structure–activity relationship (QSAR), AI-assisted approaches and molecular docking.

Dr. Dinesh Kumar, Central University of Haryana, delivered a session on “**Ethics and 3Rs in Laboratory Animal Research**,” reinforcing the principles of Replacement, Reduction and Refinement and their importance in responsible biomedical research.

Prof. Anil Kumar, Chairperson, UIPS, Panjab University, addressed the participants on “**NAMs and Regulatory Science in Indian Pharmacology: In vitro/3D Models, Organoids and Organ-on-Chip**,” highlighting emerging research models and the evolving regulatory landscape surrounding alternative methodologies.

During the inaugural scientific programme, **Prof. (Dr.) T. R. Bhardwaj, Advisor to the Chancellor; Prof. (Dr.) Ravinesh Mishra, Dean, SPES; Prof. (Dr.) Bhartendu Sharma HoD, SPES, and Ms. Alka Sharma, HoD, D. Pharm**, warmly welcomed and facilitated **Dr. Dinesh Kumar and Prof. Anil Kumar** during their expert session. Their presence and support contributed to the smooth conduct of the scientific proceedings and reflected the institution’s commitment to promoting meaningful academic and research interactions with eminent experts.

A panel discussion on barriers to the adoption of NAMs in Indian academic pharmacology further provided participants with an opportunity to discuss practical challenges and future possibilities.

The workshop concluded with participant reflections, learning outcomes, feedback, certificate distribution and closing remarks. The vote of thanks was delivered by **Prof. (Dr.) T. R. Bhardwaj**,

Advisor to the Chancellor, BUEST, while the event summary was presented by **Dr. Sunita Kumari, Associate Professor, SPES, BUEST**.

The successful conclusion of LAS-EATP-2026 reflected BUEST's commitment to promoting ethical, innovative, and translational approaches in pharmacological research, while equipping young researchers and scholars with contemporary scientific and practical competencies.