



Hands-On Workshop in Preclinical Approaches to Drug Screening and Regenerative Research - May - 13 to 19, 2026

National Centre for Alternatives to Animal Experiments (NCAAE)
Bharathidasan University, Tiruchirappalli - 620 024

HIGHLIGHTS

Stream I - 2D & 3D Cell Culture

- 2D Cell Culture -Media preparation, passage, counting, seeding MTT assay and maintenance
- 3D spheroid culture -Spheroid establishment, growth monitoring, and applications in disease modeling and drug screening.
- Fluorescent staining, and high-resolution imaging.

Stream II - Hydra and Zebrafish

- Hydra maintenance, feeding, toxicity assessment, regeneration & Battery cell complex assay.
- Zebrafish housing, embryo rearing, toxicity assesment, tail regeneration & dissection.
- Microscopy and imaging techniques for live organism observation and analysis.

ELIGIBILITY

M.Sc./M.D./M.V.Sc./Ph.D/ Research Scholars, Post -docs, Early Career Faculty

REGISTRATION DETAILS

Faculty- **Rs. 7,000**
Research Scholars & Students - **Rs. 5,000**



Link: <https://forms.gle/WhJ6cW1eMRJc9c6cA>

- After the registration, the shortlisted candidates will be intimated via email on **01.05.2026**.
- The shortlisted candidates should pay the Registration fee and confirm the registration on or before **05.05.2026**.
- Complementary Working Lunch will be provided.
- Accommodation will be arranged for outstation participants at an affordable cost.

Sponsored

Doerenkamp Zbinden Foundation for Animal Free Research, Switzerland (DZFS)

Organized

Mahatma Gandhi- Doerenkamp Centre (MGDC), National Centre for Alternatives to Animal Experiments(NCAAE) & Society for Alternatives to Animal Experiments -India (SAAE - I),
Department of Animal Science, Bharathidasan University, Tiruchirappalli - 620024, Tamil Nadu, India.

EXPERTS

PROF. M. A. AKBARSHA

Director, Jamal Vaccine Research Centre,
Jamal Mohamed College, Tiruchirappalli
Gandhi-Gruber-Doerenkamp Chair, MGDC,
Bharathidasan University, Tiruchirappalli

Prof. Surendra Ghaskadbi

Former Scientist G & CSIR Emeritus Scientist,
MACS - Agharkar Research Institute, Pune

Dr. B. Kiran Kumar

Scientist -E
Centre for Cellular and Molecular Biology, Hyderabad, TS

Prof. B. Kadalmani

Organizing Secretary
Coordinator, NCAAE
Professor, Department of Animal Science
Bharathidasan University, Tiruchirappalli

Prof. S. Achiraman

Co-organizing Secretary
Department of Environmental Biotechnology
Bharathidasan University, Tiruchirappalli

**10 SLOTS
EACH STREAM**

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