



# 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) &  
Mahatma Gandhi- Doerenkamp Centre (MGDC)  
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 assessment, 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.

## 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

Department of Animal Science  
Bharathidasan University, Tiruchirappalli

**Prof. S. Achiraman**

**Co-organizing Secretary**

Department of Environmental Biotechnology  
Bharathidasan University, Tiruchirappalli

**10 SLOTS**  
**EACH STREAM**

Sponsored By

Doerenkamp Zbinden Foundation for Animal Free Research, Switzerland (DZFS) &  
Society for Alternatives to Animal Experiments -India (SAAE - I)

Organized By

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