

CV

Dr. Kalidas Narayan Kohale, MVSc., PhD.
Scientific Officer (F);
Tata Institute of Fundamental Research, Mumbai.

Experience: Working experience in care, breeding & management of rodents, rabbits & zebrafish for 25 years. Planning and execution of rodent & zebrafish facilities. NCCS, Pune (1993-2005), TIFR, Mumbai (2005 onwards).

Research work: Established and characterized spontaneous mutant mouse model for congenital cataract and micophthalmia, **Comparative Medicine** (2004) and **Journal of Genetics** (2010).

Standardized preliminary techniques associated with the generation of transgenic/knockout mice and cryopreservation of zebrafish sperm.

Publications: 17

Talks delivered: 30

Poster in conferences: 4

LASA Conferences attended: 8

Trainings acquired:

Supervisor's training course, NIN, Hyderabad;
Transgenic Animal Models & Medicine, IISc, Bangalore;
Molecular Biology & Biotechnology Techniques in Animal Research, IVRI, Izatnagar;
Safety Aspects in the Research Applications of Ionizing Radiation, BARC, Mumbai;
Certificate course in Laboratory Animal Science (FELASA), MVC, Chennai;
Training Program for CPCSEA Nominees, NIAW, Ballabgarh.
Health & Colony Management of Laboratory Fish, MDIBL, USA;
Cryopreservation of zebrafish sperm, ZIRC, USA;
Breeding & Husbandry of Killifish, Stanford University, USA.

Association/Nomination

Ad-hoc Consultant, AAALAC.
Founder member & Current Treasurer, LASA;
Faculty for FELASA Course at TANUVAS, Chennai.
Member Secretary, IAEC, IBSC & IHEC
CPCSEA Main nominee.

Awards/Fellowships

Member, NAVS, New Delhi.
Fellowship by MDI Biological Laboratory, USA.

List of Publications (Last 5 years)

1. K Kohale, K. N. (June 2015). Zebrafish Breeding in Laboratory Environment at TIFR. Journal of Laboratory Animal Science, Vol. 2, 25-30.
2. Kohale K. N. and C. G. Raut (July-December 2013). Sero-monitoring of common pathogens in various species of laboratory animals at the animal facilities of two research institutes. Indian J. Compo Microbiol. Immunol. Infect. Dis. Vol. 34 No.2 (July-Dec.), 44-50.
3. Kohale K. N. (January, 2013). Care, Breeding and Management of Laboratory Zebrafish (*Danio rerio*), Journal of Laboratory Animal Science, Vol. 1, 38-41.
4. Shaikh A, Kohale K, Ibrahim M and M Khan (2018). Toxic effects of aqueous extract of Ficus glomerata leaf on embryonic development in zebrafish (*danio rerio*). Manuscript submitted to Pharmacognosy Magazin.