



PRECLINICAL RESEARCH AND DEVELOPMENT ORGANIZATION, PVT. LTD. PUNE INDIA



MISSION STATEMENT

It is both our aspiration and commitment to place our values in everything we do to deliver the high quality integrated preclinical services building positive environment and sponsor satisfaction with achievement of safe and economic healthcare product development for mankind.

VISION STATEMENT

Our primary purpose and mission is to become a destination where all product development and registration for preclinical services available under one umbrella with international compliance to meet all our sponsor's requirements.

VALUES STATEMENT

We Build our reputation in preclinical excellence and wide scope speciality services at PRADO, we combine high quality research services at affordable cost. This is the reason why our sponsor's have been entrusting values with us for their product development and registration work with confidence.

CORPORATE OVERVIEW



Fastest Growing Indian Company Excellence Award
2017 by International Achievers Conference



Top 10 CRO 2022, Industry Outlook 2022 Award



Mix of Pharmaceutical, Biotech, Medical Device,
Pesticide, Herbal and Vaccine producing customers
from across the globe



Offers a range of Preclinical Toxicology, Pharmacokinetics,
Biology, Pathology, Biocompatibility Testing for Regulatory
submission, Risk Assessment (PDE and OEL calculations),
Qualification of Nitrosamine Impurities



Experienced scientific and management team having
worked with global pharmaceutical, biotech and other
companies



KEY MILESTONE ACHIEVEMENTS

PRADO is one of Asia's fastest growing Preclinical CRO with an integrated platform to support a diversified customer base.



Company incorporated

2010

Approval of Animal Facility

Standardization of Toxicity studies

2012-14

Application for GLP certificate

2015

Animal Breeding

Trading Permission

2016

Preclinical Research Excellence Award

2019

Relocation of facility

Inhalation Facility

2020

GLP Certification

2018

GLP Certification

2021

Top 10 CRO award, BIRAC GLP consultant

2022

EOGRT Immunogenicity Pig-a assay Chronic Toxicity Studies

2023

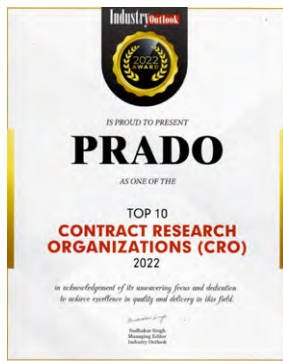
DELIVERY INFRASTRUCTURE

- CPCSEA Approved Facility (1723/PO/RcBiBt/13/CPCSEA)
- GLP Certified (GLP/C-168/2021)
- DSIR certified and Recognized



AWARDS

- Preclinical Research Excellence Award' in First Global Pharma Summit 2K19' organized by DocRoSh Global Solutions, 2019
- Indian Leadership Award for Industrial Development' from All India Achievers Foundation in 2017 to Our CEO and Director.



MANAGEMENT TEAM



Dr. PRALHAD WANGIKAR

MVSc, Ph.D., DABT, MRSB
Director and CEO

- Co-Founded the Company in 2010; Veterinarian and Toxicologic ; Pathologist
- Diplomat of American Board of Toxicology(DABT)
- European registered Toxicologist'
- Prior Experience
- 24+ years of experience in preclinical safety evaluation in pharmaceutical and CROs
- Sai Life Sciences, Ranbaxy Research Laboratories, Reliance Life Sciences, Intox and College of Veterinary and Animal Sciences



Ms. ILA WANGIKAR

B. Com
Managing Director

- Co-Founded the Company; Commerce graduate and Fashion Designer.
- Strong entrepreneurial focus and management skills
- 12+ years of experience in managing Finance, HR Administration of PRADO.
- Planning and establishment of new labs in different departments for PRADO.



Dr. PRADEEP DESHMUKH

M.Sc., Ph.D.
Deputy Test Facility Management

- A seasoned professional, Toxicologist, AAALAC Ad-hoc, Expert in GLP and ISO standards implementation.
- Prior Experience
- Over 43+ years of experience in Toxicology, Pharmacology, Business Development and GLP and ISO implementation
- Haffkine Institute, Jai Research Foundation, Rallis Research Center, Intox Pvt. Ltd., SA-FORD :Sanctuary for Research and Development

CAPABILITIES

Toxicology Services

In vitro & in vivo, Pharma, Biopharma, Agrochemical, Stem Cells, Medical Device, Vaccine, Food.

Pharmokinetic Services

PK, TK, Tissue Distribution, Pharma, Biopharma, Agrochemicals, Vaccine.

Biology Services

Efficacy Studies, Pharma, Biopharma, Agrochemicals, Stem Cells, Medical Devices, Vaccine.

Pathology Services

Special stains, IHC, Clinical Pathology, Independent Services – GLP Industries, Academic institutes, Research Organizations.

Risk Assessment

PDE, OEL, 'F' Value, MDD, Calculations, TRA Reports, Pharma, Biopharma, Medical Devices.

Consultancy

GLP, AAALAC ncertification, Designing Animal and Toxicology Facilities, Research Organizations, Pharma, Biopharma, Medical Devices

TOXICOLOGY SERVICES

ACUTE TOXICITY STUDIES (INCLUDING 6 PACK)

- Single-Dose Toxicity Study in Rodents
- Acute Eye Irritation study
- Acute Dermal Toxicity
- Acute Skin sensitization study
- Guinea Pig Maximization study
- Acute Systemic toxicity study
- Acute Inhalation toxicity study

GENETIC TOXICITY STUDIES

- Reverse Mutation Assay (Ames Assay)
- Micronucleus Test (MNT)
- Chromosomal Aberration Assay
- In vivo mammalian gene mutation assay

SPECIES

Rat, Mice, Rabbit, Guinea Pig, Dog (3rd Party Collaboration)

RISK ASSESSMENT

PDE, OEL, AI Calculations and review of reports



REPEATED DOSE TOXICITY STUDIES

- 7-14-Day Repeat Dose Toxicity Study
- 28-Day Repeat Dose Toxicity Study
- 90-Day Repeat Dose Toxicity Study
- 180-Day Chronic Toxicity Study
- **Repeat Dose Inhalation Studies**

DEVELOPMENTAL & REPRODUCTIVE TOXICOLOGY

- Extended One Generation Reproductive Study in rats (EOGRT)
- Embryo Foetal Development Study in Rodents and Rabbits
- Male and Female Fertility Study

IMMUNOGENICITY STUDIES

- Immunogenicity studies in lab animals
- Detection of specific and neutralizing antibodies.
- Detection of cellular immune responses.
- Biodistribution studies.



PHARMACOKINETIC SERVICES

- Single, multiple and cassette dosing of compound(s)
- Dose escalation study (dose linearity and range finding)
- Tissue distribution study (brain, heart, liver, lung, kidney, Eye etc.)
- Rank-ordering compounds/formulations
- Determination of fundamental PK parameters (Tmax, Cmax, AUC, clearance, oral bioavailability, volume of distribution, etc.)
- Blood brain barrier
- Continuous infusion PK study

SPECIES

Rat, Mice, Rabbit, Guinea Pig, Dog (3rd Party Collaboration)

ROUTES

Oral, intravenous (bolus and infusion), intra-peritoneal, subcutaneous, intranasal, intramuscular, intra-rectal or intra-ocular



BIOLOGICAL MATRICES

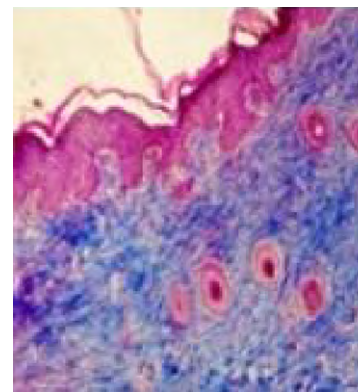
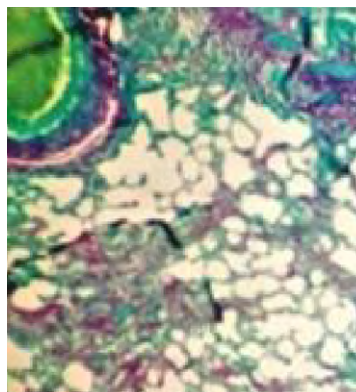
- Blood/plasma/urine/feces;
- Bile, Cerebrospinal fluid,
- Various tissues such as brain, lung, heart, liver, kidney, spleen, skeletal muscle,
- Ocular tissues like aqueous humor, vitreous humor, lens, cornea, optic nerve





PATHOLOGY SERVICES

- Necropsy, Gross Pathology
- Histopathology
- Immunohistochemistry
- Hematoxylin and Eosin (H &E) Staining and Special Staining (as per requirement)
- Clinical Pathology,
- Hematology, Clinical Chemistry, ELISA
- Urinalysis



ANALYTICAL & BIOANALYTICAL FACILITY

- Expertise in Pharmacokinetics & Toxicokinetics
- Formulation Analysis for Drug Development
- Concentration Verification & Stability Studies
- Chemical Characterization of Medical Devices
- ADMEK Studies for Comprehensive Drug Evaluation

BIOCOMPATIBILITY STUDIES MEDICAL DEVICES

- Sensitization
- Genotoxicity
- Hemocompatibility
- Implantation
- Systemic Toxicity
- Extractables and Leachables
- Biodegradation
- Device-Material Interaction
- Chronic Toxicity

With our comprehensive approach and unwavering commitment to quality, we enhance your understanding and assurance of device safety.





THANK YOU

C/o Sachin Gujar, CA 1040, Bahar Apartments, Nr Nagnath Par, Sadashiv Peth, Pune 411030, Maharashtra
to Survey No. 482, Talegaon-Urse Road, Near Finolex Company. Village Urse, Pune-410506, Maharashtra