

Looking for Research Associate

Xact Diagnostek Private Limited is a startup that develops inexpensive, user-friendly and innovative site-of-care diagnostics for veterinary and animal infections, and manufactures molecular biology reagents, enzymes and proteins important to the biotech industry. We have also developed unique protein engineering and immunodiagnostic platforms that are very quick, cost-effective and highly sensitive for rapid and sensitive detection of any pathogen.

Our goal is to provide proficient solutions and tools in diagnostics, utilising our years of experience protein engineering and biochemistry. Please visit our website, www.xactdiagnostek.com for more details.

We now have an exciting opening for Research Associate to join our team!

A **Research Associate** at Xact Diagnostek Private Limited will be an important part of an R&D team working on a **project funded by BIRAC (Biotechnology Ignition Grant-21st call)**, Govt. of India. The candidate will be responsible for collecting veterinary clinical samples from different institutes/farms/other sources and conducting experiments involving validation of the Rapid Affordable Reliable ELISA (RAR-ELISA) platform for detecting pathogens. Guidance and supervision will be provided by the Project Coordinator and Scientific/Clinical advisors. A good understanding of basic molecular biology and biochemistry is necessary. **He/She will be working with clinical experts located at the Veterinary Incubation Facility, Tamil Nadu University for Veterinary and Animal Sciences (TANUVAS), Chennai.**

Key responsibilities

- Extensive sample collection for experiments related to RAR-ELISA. Sample documentation, storage, experimental validation and analysis of results of ELISA.
- Effective communication with team at Xact.
- Frequent visits to Xact from TANUVAS for delivery of samples and validation experiments
- Plan daily activities according to project plans and keep timelines
- Design and conduct investigations and experiments, record all findings in a laboratory notebook and analyze the results in support of project development objectives
- Very detailed documentation (including digital) of all laboratory data
- Follow standard operating procedures and safety guidelines and maintain a clean and orderly environment
- Communicate and collaborate with other professionals in the lab
- Present results clearly, enabling critical design decisions and participate in exchange of ideas to advance the science
- Assist with lab planning and equipment calibration and maintenance
- Assists as needed to perform other related duties and special projects as required

Required skills and profile

- **BSc/MSc in any life sciences stream, B.VSc. or related field in veterinary sciences.**
- Proficient in standard laboratory molecular biology techniques such as sample preparation, nucleic acid amplification or other enzymatic processes, including experience with common molecular lab equipment are desirable.
- Excellent teamworking and social skills, a positive spirit with a generous focus on the achievement of the team and the organizational goals
- Must be reliable and dependable, displaying integrity, ethics and good judgement.
- Logical and critical thinking skills, with the ability to solve problems independently, knowing when to escalate problems appropriately and in a timely manner.
- Proficiency in software tools used to analyse and present data, including Microsoft Office programs such as Word, Excel and Power point
- Meticulous attention to detail and strong record keeping skills

Contact info

Interested applicants can send your latest CV (mandatory), cover letter, and reference letter (optional) to info@xactdiagnostek.com on or before **15 July, 2023**.