Research Assistant in Metabolomics

PrecizionIQ | India | Job Description

ROLE Research Assistant in Metabolomics	**LOCATION** India
REPORTS TO Research Supervisor	**EMPLOYMENT** [Full-time / other]

About the role

PrecizionIQ is developing a metabolomics-based prenatal test to detect chromosomal aneuploidies. In our lab, researchers prepare samples, analyse data, and help decide which experiment to run next. In this role, you will receive training in our metabolomics wet-lab and data analysis methods, from metabolite extraction through interpretation of results.

Required qualifications

- B.Sc. or M.Sc. in Biochemistry, Genetics, Biotechnology, or a related life science, or B.Tech. in Biotechnology. Hands-on wet-lab experience may come from a dissertation, internship, or research role.
- A good understanding of chemical separation, including chromatography, and the principles of mass spectrometry. Hands-on experience with these or comparable analytical techniques is required.
- Sound laboratory practice, including accurate pipetting, sample labelling, and record-keeping. Ability to explain the purpose of controls and replicates.
- Ability to explain how you would analyse experimental data, choose an appropriate figure, write its legend, and describe the analysis in a methods section.

Responsibilities

- Prepare and track biological samples using current standard operating procedures. Keep records that allow a colleague to trace each figure back to the samples and analysis.
- Analyse data and, with training, prepare publication-quality figures, legends, and methods. Present results, their limitations, and a proposed next step to the team.
- Investigate unexpected results and propose experiments or changes to standard operating procedures. Review proposals with your supervisor each week before implementing changes.
- Each Friday, bring a proposed schedule for the following week and agree priorities with your supervisor. Follow through on the plan, coordinate shared work respectfully with colleagues, and flag obstacles early.

Desirable experience

- Prior work in metabolomics, familiarity with metabolite extraction, or training in blood sample handling.

What success looks like

You will build reliable wet-lab and data analysis skills, maintain traceable records, communicate results and limitations clearly, and contribute thoughtful next-step proposals with guidance from your supervisor.

How to apply

Please send your CV and a short note describing your relevant laboratory, analytical, or research experience to [application email]. Please do not include confidential information from a current or former employer.

PrecizionIQ is an equal opportunity employer. [Add applicable benefits and statutory employment language.]

Last date of application – 31st March 2027