

DIVYA KEVIN ARAKAL

Arakal House, Chethy, Cherthala.

Email: divyakevina@gmail.com

Mobile: +91 8618520130

www.linkedin.com/in/divya-kevin-2b926a18

Profile

Masters in Biotechnology and Bachelors in Microbiology with strong communication skills, keen to secure employment in the Healthcare and biomedical field. Ideal candidate for position requiring initiative, reliability and determination.

Education

- Master Degree in Biotechnology
- Bachelors in Microbiology

Certification

- HPLC Technique (Liquid Chromatography)
- Six Sigma Green Belt BKO Accredited

Knowledge and Skills

- Experienced in Aseptic techniques.
- Immuno Techniques including ELISA, EIA .
- Familiar with Molecular Biology techniques such as DNA Extractions, PCR Sequencing, Western blot, AGE, Gel Electrophoresis (SDS-PAGE), Cloning .
- Andrology Techniques Skilled in semen analysis, semen freezing, sperm preparation techniques.
- Knowledge of Analytical techniques.
- Employed techniques of analysis involving Spectroscopy, UV visible spectrophotometer, Gas Chromatography and HPLC
- Proficient in Microbiological analysis such as Environmental monitoring Micro limits testing and media growth promotions.
- Experience in wide variety of Microbiological testing including, Bioburden testing, Endotoxin testing, Microbial identification, Media preparation, Water sampling.
- Supporting periodic review of laboratory Quality Management systems.(QMS).principles and methods related to Quality Management .Developing QA/QC activities ,Internal and External audits as needed with regulations, standard and guidelines.

Work Experience

a) Worked as Junior Embryologist in IVF Lab ,KINDER Women's Hospital And Fertility Centre ,Kerala ,India .

- Skilled in semen analysis, semen freezing , sperm preparation techniques,Dish preparations.
- Handling patients in terms of Andrology and embryology.
- Assisting the senior embryologist during procedures inside the laboratory.
- Maintaining laboratory with QC & QA with proper record keeping.
- Monthly and yearly data collection for statistical analysis , KPIs and auditing.

b) Worked as Research Assistant at Akshaya Institute of Biotechnology Research lab.

- Antidiabetic activity of the leaves of Mimosa Pudica in Albino rats.
- Antagonistic activity of Trichoderma Viride and Trichoderma Harzianum against Phytophthora spp.
- Animal handling .Experience working with animals (Albino mice) in research setting and daily care.
- Experience with manually pipetting large numbers of samples and performing DNA extractions,AGE,SDS-PAGE, molecular techniques including gel electrophoresis,and other molecular methods.
- Performed a variety of laboratory-based sampling, testing, recording, and analyzing of results in the chemical, microbiological, and serological areas.

c) Worked in QC Lab, Nice Chemicals (P) LTD, Kochi.

- Raw materials and finished product testing as per IP, BP and USP specifications.
- Supporting periodic review of laboratory Quality Management System [QMS] principles and methods related to Quality Management.
- Developing QA&QC activities, internal and external audits as needed with regulations, standards and guide line.

Working in QC labs, helped me to gain knowledge on instruments as such

- Atomic absorption spectrophotometer
- UV visible spectrophotometer
- Gas liquid chromatograph
- Polari meter

d) Worked in Spices Board (Ministry of Commerce and Industry, Government of India)

Academic Project

- Application of Alkaline Protease enzyme for Dehairing of goat skin. Production, Purification and Application of Protease from Staphylococcus sp done in Central Leather Research Institute ,Chennai ,INDIA .
- Activity of different Growth regulators in Cardamom Cell Culture. Biotechnology lab of Spices Board .INDIA.
- Training on Clinical Biochemistry- HPLC.
- Training on Immuno Techniques-ELISA, Western blotting.

Areas of Interest

Clinical Microbiology , Molecular biology & R-DNA technology, Immunology, Embryology ,Medical Biotechnology.

Strength

- Multitasking ,Selection of right approach in doing a work by prioritizing my work and work under pressure.
- A strong communication skill that help us to understand ,to listen,to respect and to support my co-workers.
- Handling responsibilities individually and in groups .
- Hardworking & team work

Declaration

I hereby declare that all the information and particulars furnished by me are true to the best of my knowledge and belief.

DIVYA KEVIN ARAKAL
Cherthala ,Kerala, S.India