

RESUME

S. JAYABHARATHI

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OBJECTIVE

Aims to become a part of your concern with technical and managerial skills in taking up to challenging position in your organization where my knowledge can be utilized for mutual growth and expand the horizon of my learning to help for the growth of company with my talented skills.

ACADEMIC QUALIFICATION

COURSE	INSTITUTION	UNIVERSITY OR BOARD	YEAR OF PASSING	MARKS SECURED
M.Sc (BIO-TECH)	Periyar university, Selam.	university	pursuing	-
B.TECH (BIO-TECH)	Dr. MGR. educational and research institute university, Maduravoyal.	university	2016	86.5%
12 th	The madras seva sadan higher secondary school, Tambaram.	state	2012	72%
10 TH	The madras seva sadan higher secondary school, Tambaram.	state	2010	79%

PROFESSIONAL EXPERIENCE

- Currently working as study personnel in the department of toxicology at Centre for Toxicology and Developmental Research (CEFT), Sri Ramachandra University, Chennai from 01st August, 2016 to till date.

JOB PROFILE

- To assist Study Director in toxicity studies such as acute, 28-day, 90-day repeated dose studies in compliance with OECD principles of Good Laboratory Practice.
- Coordinating with SD and other relevant departments throughout the study conduction.
- Preparation of study plan, study schedule, study report and compilation of raw data and statistical analysis

EXPERIENCE

- Assisted acute oral toxicity study
- Assisted acute dermal toxicity study
- Assisted acute eye irritation
- Assisted acute subcutaneous toxicity study
- Assisted 90-days repeated dose oral toxicity studies
- Assisted 90-days repeated dose dermal toxicity study
- Assisted reproductive toxicity study
- Assisted skin sensitisation
- Dosage techniques (oral, dermal, intravenous and subcutaneous)
- Necropsy (rat, mice)
- Biochemical analysis using semi automated biochemical analyser
- Assisting to author for preparation of SOP's
- Knowledge about comet assay, in vitro micro nucleus
- Blood collection from rabbit, rat, mice

INSTRUMENTS HANDLING

- Grip strength meter (Orchid Scientific)
- Actimeter (Orchid Scientific)
- Semi-automated biochemical analyzer
- Plethysmometer
- Electrophoresis
- PCR
- Gel doc
- Fully Automated Centrifuge

SPECIAL TECHNIQUES

- DNA isolation from feather samples
- PCR
- High fat diet study in mice (obesity, anti diabetic)
- High fat diet study in STZ model(rat)
- Anti inflammation (paw edema) (Rat)

ADDITIONAL SKILLS

- Plating techniques
- Serial dilutions
- Analysis of carbohydrates and proteins
- Electrophoresis
- ABO blood grouping
- Transformation techniques
- Chromatography techniques
- Fermentation techniques
- MS office(Word, Excel, PowerPoint)

PROJECTS

- Air turbine wind flow -1st yearB-tech
- Anticancer ,Anti-microbial, Anti-oxidant activity of sulforaphane Which is extracted from cruciferous Vegetables (comparative study)-Final year

SEMINARS AND WORKSHOPS ATTENDED

- Group discussion
- National seminar on functional genomics
- Workshop on Leadership skills and personal interview
- Workshop on innovation to incubation

AREA OF INTEREST

- Toxicology, Genetic Toxicology and in vitro techniques

ACTIVITIES

- Participation of NCRM conference and Quiz,
- Member in NEN,
- Third place in MATH MAGIC (SCIENCE CLUB)

PERSONAL DETAILS

DATE OF BIRTH : 26-03-1995
FATHER'S NAME : P. Sachithanandham
GENDER : Female
MARTIAL STATUS : Single
LINGUISTIC FLUENCY : Tamil, English and Hindi

DECLARATION:

I hereby declare that above furnished details are fully true to the best of my knowledge and belief.

DATE:

(S. JAYABHARATHI)