



VIJAYA ROOBINI R
BIOTECHNOLOGIST

Area of interest

Cancer biology
Cell & Molecular
biology
Biochemistry,
Immunology, Microbial
technology &
Environmental biology



Profile

Looking for an organization where I can enhance my knowledge in research and from my academic learning give the best to the organization and use my skills to their full potential.



Contact

28A/28 Revathi Nagar
Koranad,
Mayiladuthurai-609001
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Skills

Cell Culture- handling Lung Cancer (H520), Osteosarcoma and Breast Cancer (MCF7) cell lines

PCR & Electrophoresis – AGE, SDS-PAGE & RT-PCR. Nucleic acid isolation & estimation.

Immunological techniques – Western blotting, Immunohistochemistry, Blood grouping (Rh factor), Widal test for typhoid.

Microbiological techniques – Maintenance and growth of bacterial cultures, Antibiotic sensitivity test.

Biochemistry – Biomolecule's estimation, TDS, BOD, Paper and thin layer chromatography **Microscopy**-Handling of light, inverted & fluorescent microscope

Others- Histology, staining and adequate computer knowledge

EDUCATION

M.Sc Animal Biotechnology Bharathidasan University	2016 - 2018	77.33%
B.Sc Biotechnology A.V.C College Mayiladuthurai. (Affiliated to Bharathidasan University)	2013 - 2016	71.03%
HSC St.Paul's Girls' Hr. Sec. School, Mayiladuthurai.	2011 - 2013	64.42%
SSLC St.Paul's Girls' Hr. Sec. School, Mayiladuthurai.	2010 - 2011	91.50%

RESEARCH EXPERIENCE

I was worked as a JRF in **Laboratory of neural stem cells & Regeneration**,
Dept of Animal Science,
Bharathidasan University,
Tiruchirappalli.

SEP 2018 – JAN 2019

Objective:-

To study the memory of *Rattus norvegicus* by using 8 armed radial maze.

Anticancer activity of methanolic extract of *Enicostemma littorale* in Lung cancer cell line (H520)

DEC 2017 – APR 2018

M.Sc.Thesis
Bharathidasan University

In the present study, we focused on "the anti-cancer potential of methanolic extract of *E.littorale* in lung cancer cell line (H520)" in which the extract significantly inhibited the cell proliferation and induced cell death

Cocurricular activities

- Participated in debate conducted by Novozymes at Sastra University in 2015.
- Participated in inter-college quiz competition in my college, conducted by Dept. of Wild life zoology and awarded as 1st prize.
- Participated in quiz competition conducted by the Dept. of Biotechnology in my college.
- I had planned Expo about Environmental Biotechnology in college level to create awareness among school students.
- Participated in the "LEGAL AWARENESS COMPETITION" legal rights of women organization by the Dept., of Women's studies, BDU.
- Delivered a speech about "ENVIRONMENTAL POLLUTION AND ITS CONTROL MEASURES" in animal science club conducted in the Department of Animal Science, BDU.
- Participated in the National Conference on "TECHNOLOGIES AND PROSPECTS OF FISHERIES AND AQUACULTURE" organized by the Dept., of Animal Science, BDU

Extracurricular activities

- ✚ In UG, I am one of the active members in PEKAK club.
- ✚ Member of LEO CLUB in my college days.
- ✚ Member of Animal Science Club in the Dept., of Animal Science, BDU.

Personal strength

- ✚ Highly motivated and eager to learn new things.
- ✚ Member of LEO CLUB in my college days.
- ✚ Member of Animal Science Club in the Dept., of Animal Science, BDU

Hobbies & Interest

- ✚ Gardening
- ✚ Cooking
- ✚ Books reading
- ✚ Shuttle playing

Personal Profile

VIJAYA ROOBINI R

Gender: Female
Date of birth: 02.10.1996
Marital status: Single
Languages: Tamil and English
Father's name: Ravichandran S
Mother's name: Anjalidevi R
Nationality: Indian

**Ms.T.AKILANDESWARI,
M.PHIL.,**
The Professor and Head
Department of Biotechnology
A.V.C College (autonomous)
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References

Dr. B. Kadalmani, PhD.,
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Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 09/04/2022
Station: Mayiladuthurai

(VIJAYA ROOBINI R)