

ANJALI T

Kuttala Kalarikkal House,
P.O Arimpur,
Thrissur, Kerala
India - 680620

Mobile : +91 9495844522
Email: anjalithekkepatt@gmail.com

ACADEMIC PROFILE

COURSE	UNIVERSITY/BOARD OF EXAMINATION	YEAR OF PASSING	PASS PERCENTAGE/CGPA
M.SC. BIOTECHNOLOGY	KANNUR UNIVERSITY	2012	73
B.SC. BIOTECHNOLOGY	AMRITA VISWA VIDYAPEETHAM	2010	85
HIGHER SECONDARY	KERALA STATE BOARD	2007	85
S.S.L.C	KERALA STATE BOARD	2005	92

ACHIEVEMENTS

- Awarded **Indian Academy of Science summer research fellowship** 2011.
- Secured distinction with pass for Bachelor of Science programme at Amrita Viswa Vidyapeetham during 2007-2010.
- Secured **2nd rank** in M.Sc. Biotechnology from Kannur University.

LAB EXPERIENCE

- CELL BIOLOGY: Animal cell culturing, maintenance of cell lines, MTT cell viability assay, cell cycle analysis using flow cytometry, immunohistochemistry, *in vitro* cytotoxicity assay
- MOLECULAR BIOLOGY: Isolation of genomic DNA, agarose gel electrophoresis, western blotting, transformation, conjugation, plasmid isolation, PCR, RNA isolation, southern blotting, northern blotting
- GENETICS: mitosis & meiosis
- BIOCHEMISTRY: qualitative identification and quantitative estimation of biomolecules, separation of biomolecules by chromatographic techniques, (TLC, Column Chromatography), enzyme kinetics, HPLC.
- MICROBIOLOGY: staining and culturing of microorganisms, screening identification and isolation of various species of microbes, antibiotic sensitivity assay,
- IMMUNOLOGY: Antigen- antibody interactions, identification of leukocytes and red blood cells, ELISA.
- PLANT BIOTECHNOLOGY: Tissue culture techniques for micro propagation of plants.
- OTHERS: Experienced in handling experimental animals like Swiss mice and Albino mice and wistar and SD rats.
- Estimation of blood serum parameters and lipid profile.
- **worked as Research Assistant at Amala Cancer Research Centre, Thrissur from november 2012 to May 2014.**

PROJECT DONE

- **'Study on radioprotective activity of pseudarthria viscida and comparative evaluation of invitro cytotoxicity of invitro and exvitro plants'** under the guidance of Dr. Jose Padikkala, Amala Cancer Research Centre, Thrissur.
- **'Peturbations in cell cycle pathway following imatinib treatment in colorectal cancer - An Invitro analysis'** under the guidance of Dr. M Radhakrishna Pillai, Rajiv Gandhi Centre For biotechnology, Trivandrum.
- **'Comparison of antimicrobial activity of antiacne agents'** under the guidance of

Ajith C (lecturer) Amrita school of Biotechnology.

- **'Assessment of hepatoprotective effect of lutemax 2020 on alcoholic fatty liver'** under the guidance of Dr. Ramadasan Kuttan and Dr. Achuthan C Raghavamenon, Amala Cancer Research Centre Thrissur.
- **'Assessment of hepatoprotective effect of lutemax 2020 on orotic acid induced fatty liver'** under the guidance of Dr. Ramadasan Kuttan and Dr. Achuthan C Raghavamenon, Amala Cancer Research Centre.
- **'Assessment of hepatoprotective effect of lutemax 2020 on paracetamol induced liver toxicity'** under the guidance of Dr. Ramadasan Kuttan and Dr. Achuthan C Raghavamenon, Amala Cancer Research Centre Thrissur.

PUBLICATIONS

- A polyherbal formulation inhibits human erythrocyte membrane lipid peroxidation *In vitro* and maintain antioxidant status in rats, Amala research bulletin 2013(IISN NO:0971-4987)
- Effect of virgin coconut oil on cyclophosphamide induced systemic toxicity in mice, Amala research bulletin 2013 (IISN NO:0971-4987)
- Phytochemical screening and antioxidant activity of *Moringa oleifera lam*" in National conference on recent trends in zoological research, 2014.(ISBN NO:978-81-909551-8-8).
- Virgin coconut oil supplementation ameliorates cyclophosphamide induced systemic toxicity in mice, Human and Experimental Toxicology.2015. (ISSN NO :1477-0903) (Impact factor 1.747)

PERSONAL INFORMATION

Father's Name : Balachandran .T
Date of Birth : 25-04-1989
Sex : Female
Marital Status : Married
Languages Known : English, Malayalam, Hindi.

SEMINARS ATTENDED

International conference in Advances in Biological Sciences (ICABS 2012)

National symposium on medicinal mushrooms 2012

26th Annual Symposium of Indian Society for Atherosclerosis Research(ISARCON 2013)

National conference on recent trends in zoological research 2014

PAPERS PRESENTED

Presented a paper entitled "phytochemical screening and antioxidant activity of *Moringa oleifera* lam" in National conference on recent trends in zoological research, 2014.

REFERENCE

- **S ASHA NAIR, PH.D.**

Scientist E-I

Rajiv Gandhi Centre For Biotechnology

Tel : +91-471-2529501

Email : sasha@rgcb.res.in

- **DR SREEJITH KRISHNAN**

Head of the Department,

Department of Biotechnology and microbiology ,Kannur University

Email : sreejithkrishnan@hotmail.com

Tel: 9446870675

- **DR.JOSE PADIKKALA,**

Assistant professor

Department of plant biotechnology,

Amala cancer research centre,Thrissur

Email: jpadikkala@rediffmail.com, Tel: 9961353297

- **DR. ACHUTHAN C RAGHAVA MENON**

Assistant Professor,

Department of Biochemistry

Amala Cancer Research Center

Email: achuthanm@gmail.com, Tel: 9567988570

