

Faculty Profile of Dr. S. Suja



Dr. S. Suja
Professor & Head
Department of Bio-Chemistry

Email:suja.s@buc.edu.in

Phone No:0422-2428560

Mobile No:87544-25857

Research Area

- Bioengineering
- Nanomedicines for cancer therapeutics
- Bio-residues for cancer prognosis and diagnosis
- Herbalism

Education & Career

Education

Ph. D.

Subject : Biochemistry
Institution : Bharathiar University
Affiliated University : Bharathiar University
Year of Award : 2008

PGDNBT

Subject : PG Diploma in Nanobiotechnology
Institution : LSFI, Karnataka
Affiliated University : Karnataka University
Year of Award : 2004

M.Phil.,

Subject : Biochemistry
Institution : Avinashilingam university for women
Affiliated University : Avinashilingam university
Year of Award : 2001

M. Sc.,

Subject : Biochemistry
Institution : Avinashilingam university for women
Affiliated University : Avinashilingam university
Year of Award : 2000

B. Sc.,

Subject: Biochemistry
Institution: Avinashilingam university for women
Affiliated University: Avinashilingam university
Year of Award: 1998

Career**Bharathiar University**

Professor and Head: 2018 to Till Date
Associate Professor and Head : Aug 2015 to 2018

Past Experience

Assistant Professor : Sep 2014 To Aug 2015 at P.S.G College of Arts and Science
Assistant Professor and Head : July 2001 to Aug 2014 at Dr. N.G.P Arts and Science

Awards**Membership**

Professional Bodies

Organization : National Society of Ethanopharmacology

Type of Membership: Life member

Period: From 2015

Organization : Indian Society of Human Genetics

Type of Membership: Life member

Period: From 2015

Organization : Biotechnology society of India

Type of Membership: Life member

Period: From 2016

Organization : Zoological society of India

Type of Membership: Life member

Period: From 2015

Academic Bodies

Organization : Bharathiar University

Type of Membership: Board of Studies in Biochemistry

Period: From 2015 - To till date

Organization : Bharathiar University, Periyar University, Avinashilangam University, Karunya University, Karpagam University

Type of Membership: Doctoral Committee

Period: From 2015 - To till date

Organization : Bharathiar University, Periyar University, Avinashilangam University

Type of Membership: Staff Selection Committee

Period: From 2015 - To till date

Visits

Country Visited : Indonesia

Duration of Visit : 2 Days

Month and Year : 24-25 October 2017

Purpose of Visit : Paper Presentation in International conference on Green Agro-Industry and Bio economy, Universitas Brawijaya.

Collaborators

Name::Dr. J. Sivakumaran

Institution:: Kovai Medical Center and Hospital

Purpose: To enhance the quality of training and research activities

Year: 2019

Others

1. Participated in the one Day National Seminar on Biosafety awareness seminar, by IBSC Organized by Bharathiar University, Coimbatore, on 27th November 2017.
2. Participated in the one-Day National Seminar on Computational Biology Division, DRDO-BU CLS Organized by Bharathiar University Coimbatore from November 7th 2017.
3. Participated in the Two-Day National Seminar on Frontiers in Eco biological Sciences and its Applications, held at Periyar University, Salem on 16th march and 17th march, 2017
4. Participated in the Three Day National Seminar on Recent Trends in Biotechnology (Biotrends-2016) & Annual Meet of the Society for Biotechnologists (India) Organized by National Institute of Ocean Technology, Chennai, on October 19th to 21th October,2016.
5. Participated in the Two-Day National Seminar on Computational Biology Division, DRDO- BU CLS Organized by Bharathiar University, Coimbatore on 27th july to 28th July, 2016.

6. Participated in the Three- Day International Seminar on “Indian Society of Human Genetics Annual Meeting & International Conference Organized by Vision Research Foundation, Chennai from March 3rd to March 5th 2016.

7. Participated in the One-Day National Seminar on Shodhganga and Anti-Plagiarism Software (URKUND) held at Bharathiar University, Coimbatore, 28th January 2016.

8. Participated as a judge in oral presentation in a one day international seminar on bio Galaxia - 15 held at Bharathiar University on 18th December 2015.

Workshop Organized

1. Organized a Science Academic Lecture workshop on “Insights in Life science” behalf of Department biochemistry in Bharathiar University, Coimbatore from 22nd & 24th January 2018.

2. Organized Science Academic Lecture workshop on “Prospects in Bioscience” behalf of Department biochemistry in Bharathiar University, Coimbatore on 15th & 16th December 2016.

3. Organized Science Academic Lecture workshop on “Innovations in Bioscience” behalf of Department biochemistry in Bharathiar University, Coimbatore on 22nd & 23rd February 2016.

Workshop Attended

1. Participated in the Workshop on “Advanced Flow Cytometry” Module II” from 17th to 19th April 2018 organized by the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women.

2. Participated in a workshop on NAAC Revised Assessment & Accreditation Framework, Organised by (IQAC) on 3 February 2018.

3. Participated in the Pre-conference Satellite Workshop on Application of Fluorescence In -situ Hybridization (FISH) in clinical medicine organized by The Madras Medical Mission in Chennai on 9th and 10th March 2018

4. Participated as a Resource person in two days workshop cum Hands-on training in “Immunotechniques” Conducted by Medical genetics and Epigenetics Laboratory, Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore on 5th and 6th March 2018.

5. Participated in a workshop on NAAC Revised Assessment & Accreditation Framework, organized by IQAC Bharathiar University, Coimbatore on February 3, 2018.

Projects

Funded Projects (National Level)

- [Ongoing](#)
- [Completed-01](#)

RUSA 2.0 BCTRC

Project Title : Diagnostic and Therapeutic Role of Nanoliposomes for the Treatment of Breast Cancer : A Novel Target for Cancer Therapy.

Funding Agency : RUSA 2.0 BCTRC

Amount sanctioned : 15,88,000/-

Title of the Project: Antitumor activity of *Alpinia purpurata* on Bladder Cancer Cell Line

Agency: UGC

Period: 2010 - 2013

Amount: Rs.5,92,300.

Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Nil

Research Guidance

- [Post Doc.](#)
- [Ph.D.](#)
- [M.Phil.](#)
- [M.Sc.](#)

Ongoing

1. Name: Dr. S. Viswanathan

Project Title: Engineering of FA Liposome Consisting ATRA and PCX for Targeting and Regulating the Tumor Suppressor Genes (RAR & TIG-3)

Year of Award: 2021 - Till date.

Completed

Nil

Ongoing

1. Name: S. Seethalakshmi

Title of the thesis : Exploration of Biofunctionalized Hydroxyapatite and its Biomedical Applications.

2. Name: Bonaventure Mujyambere

Title of the thesis : Potentials of Biotinylated RGD Derivatives as Delivery Tools and Molecular Agents for Diagnosis and Treatment of Breast Cancer

3. Name: T . Priyadharshini

Title of the thesis : RGD Modified Long Circulating Dual Drug Loaded Liposome for the Treatment of Non Small Cell Lung Cancer

4. Name: N. Anusuya

Title of the thesis : Biomimetic of Hydroxyapatite with Traditional Medicines for its Biopotentials

5. Name: G . Kaavya

Title of the thesis : Action of Dual Drug loaded Nanoliposome on Triple Negative Breast Cancer and investigation of its Efficacy through Gene Expression Analysis

6. Name: M . Subasri

Title of the thesis : Yet to be decided

Completed

1. Name: S. Vadivel

Title of the Thesis : Anti-carcinogenic effect of *Alpinia purpurata* Rhizome Against T24-Bladder Cancer Cell Lines

Year of Award :10.07.2015

2. Name: T. Indhumathi

Title of the Thesis : Chemo Preventive Potential of *Solanum incanum* Fruit Against Benzopyrene Induced Lung Carcinoma in Swiss Albino Micro and A549 Cell Line

Year of Award : 2016

3. Name: P. Vasundra Devi

Title of the Thesis : Evaluation of Anticancer Efficacy of *Curcuma amada* Rhizome Against Cervical Cancer

Year of Award : 2017

4. Name: K. Rajathi

Title of the Thesis : Inhibitory Effect of Silver Nanoparticle on TNF ALPHA induced NF-KB Inhibition in Prostate Cancer PC3 Cell Line.

Year of Award : 13.03.2018

5. Name: L. Mohanasundari

Title of the Thesis : Comparative effect of Rhizome Mixture (*Alpinia speciosa* and *Alpinia calcarata*) and its Gold Nanoparticles by *Invitro* and *Invivo* Method using MCF-7 Cell Line.

Year of Award : 18.12.2019

6. Name: N. Nisha

Title of the Thesis : Evaluation of Anticancer and Anti-mutagenic Activity of *Loligo duvauceli* ink

Year of Award : 12.08.2022

7. Name: S. Shamina

Title of the Thesis : Anti - Arthritic effect of Stem Extract of *Cissus quadrangularis* L. on FCA Induced Rheumatoid Arthritis in Female Wistar Albino Rats.

Year of Award : 18.04.2022

Ongoing

1. Name: Arya Kannan

Title of the Thesis: Preparation and Optimization of Diallyl Disulphide (DADS) Encapsulated Novel Liposome and Analyzing its Anti-Cancer Effect on A549 Lung Cancer Cell Line

Completed

1. Name: N. Anusuya

Title of the Thesis: Preparation and Characterization of Nano-Hydroxyapatite Neem (stem) Composite using Sol-Gel Technique

Year of Award: 2017

2. Name: S. Jayanthi Prathiba

Title of the Thesis: Synthesis and Characterization of Nanohydroxyapatite and Composite with Piper Betle Leaf by Sol-Gel Method and Analysis of In-

vitro Cytotoxicity Using Chang Liver Cell Line

Year of Award: 2018

3. Name: V. Sivapriya

Title of the Thesis: Preparation and Characterization of Nano hydroxyapatite and its Composite with *Aegle marmelos* Leaf by Sol-gel Method and In-vitro Cytotoxicity Using Chang Liver Cell Line

Year of Award: 2018

4. Name: R. Sowndarya

Title of the Thesis: Formulation And Optimization of a Novel DLPC Liposome Vesicle Containing Thymoquinone and Evaluate its Anti-Cancer Effect on In-vitro A549 Lung Cancer Model

Year of Award: 2021

Ongoing

Completed

1. Name: S. Archana

Title of the Thesis: Phytochemical, Antioxidant and Anticancer Activity Study of *Terminalia chebula* Seed and *Camellia sinensis* Seed Extracts

Year of Award: 2017

2. Name: Kavya Menon

Title of the Thesis: Synthesis and Characterization of Nanohydroxyapatite Clove (*Syzygium aromaticum*) Composite Using Sol-Gel Method

Year of Award: 2017

3. Name: Rahul Shukla

Title of the Thesis: Expression and Correlation Analysis of EGFR and Hypoxia Markers in Locally Advanced Stage Head and Neck Cancer

Year of Award: 2017

4. Name: S. Ramya

Title of the Thesis: Production, Purification, Characterization and Food Application of Bacteriocin Produced by *Lactobacillus plantarum* MTCC-9495

Year of Award: 2017

5. Name: K. Selciya

Title of the Thesis: Preparation and Characterization of Nano-Hydroxyapatite By Sol-Gel Method and Composite with *Piper nigrum* (Seeds)

Year of Award: 2017

6. Name: R. Vaishnavi

Title of the Thesis: Study of Lignocellulosic Enzymes from Marine Derived Organism

Year of Award: 2017

7. Name: R. Deva Asirvatham

Title of the Thesis: Synthesis and Characterization and Absorption Study of Hydroxyapatite Obtained from Chemical and Biological Source and Its Composite with *Psidium guajava* Leaves Extract

Year of Award: 2018

8. Name: C. Rajalakshmi

Title of the Thesis: Synthesis and Characterization of Nanohydroxyapatite by Sol-Gel Method and Composite with Cumin Seeds

Year of Award: 2018

9. Name: R.Santhini

Title of the Thesis: Synthesis and Characterization of Nanohydroxyapatite and Its Composite with *Phyllanthus niruri* Leaves and Seeds: As a Modelling Interaction for Absorption Study

Year of Award: 2018

10. Name: R.Sharun

Title of the Thesis: Molecular and Biochemical Analysis in Autistic Adolescence of Tamil Nadu and Kerala Population

Year of Award: 2018

11. Name: K. Sowndharya

Title of the Thesis: Synthesis and Characterization of Hydroxyapatite by Sol-Gel Method and Composite with Cinnamon Bark

Year of Award: 2018

12. Name: K. Diviya

Title of the Thesis: Synthesis and Characterization of Biological Hydroxyapatite Graphene Oxide Composite for Absorption Efficiency on Dye and Metal

Year of Award: 2019

13. Name: P. Ishwariya Lakshmi

Title of the Thesis: Synthesis, Characterization and Radical Scavenging Activity of Biological Source Attained Hydroxyapatite and Incorporation with *Vitex negundo* Extract.

Year of Award: 2019

14. Name: G. Kaavya

Title of the Thesis: Optimization of Quercetin Nanoparticles Encapsulation by RSM Method and Characterization

Year of Award: 2019

15. Name: B.S. Nidharshana

Title of the Thesis: Anti-Oxidant and Anti-Inflammatory Property of *Cassia fistula* and *Cynodon dactylon*

Year of Award: 2019

16. Name: T. Renukadevi

Title of the Thesis: Synthesis and Characterization of Hydroxyapatite by Sol-Gel Method and Composite with *Tridax procumbens* Leaves

Year of Award: 2019

17. Name: N.Kiruthiga

Title of the Thesis: Preparation and Optimization of Diallyl Disulfide Loaded Liposomes and Their Effect on MDA MB 231 Breast Cancer Cell Lines.

Year of Award: 2020

18. Name: S.Priyanka

Title of the Thesis: Preparation and Optimization of Thymoquinone Loaded Liposomes and Their Anticancer Effect on MDA MB 231 Breast Cancer Cell Lines.

Year of Award: 2020

19. Name: K.Srinithya

Title of the Thesis: Preparation and Optimization of [6] Gingerol Loaded Liposomes and Their Effect on MDA MB 231 Breast Cancer Cell Lines.

Year of Award: 2020

20. Name: S.Sreelakshmy

Title of the Thesis: Synthesis, Characterization and Comparison of Diagnostic Abilities of Biotin - RGD and RGD-NH-NH-Biotin in Breast Cancer Cells.

Year of Award: 2020

21. Name: T. Hema

Title

of the Thesis: Encapsulation of Probiotic Strain *Lactobacillus Plantarum* Using Calcium - Pectin Compound and Evaluation of its Stability under *Invitro* Acidic Condition.

Year of Award: 2020

22. Name: M.G. Sachin

Title of the Thesis: Assessment of Exalted Cyto-compatible Hydroxyapatite Biocomposite against Pathogenic Bacteria.

Year of Award: 2021

23. Name: P. Prabha

Title of the Thesis: Investigation of Biocompatible Hydroxyapatite Biocomposite over Bactericidal Competence.

Year of Award: 2021

24. Name: K. Akshayadharshini

Title of the Thesis: Role of C-Biotin-RGD as a Diagnostic Delivery Tool for Breast Cancer.

Year of Award: 2021

25. Name: C. Vishnupriya

Title of the Thesis: Comparative Analysis of Free Paclitaxel vs Liposomal Paclitaxel to Induce Apoptosis and G2/M Phase Arrest in Non-Small Lung Cancer A549 Cell Lines and Effect of Benzopyrene in BALB/c Mice.

Year of Award: 2021

26. Name: C. Vishnupriya

Title of the Thesis: Comparative Analysis of Free Paclitaxel vs Liposomal Paclitaxel to Induce Apoptosis and G2/M Phase Arrest in Non-Small Lung Cancer A549 Cell Lines and Effect of Benzopyrene in BALB/c Mice.

Year of Award: 2021.

27. Name: S. Sowmya

Title of the Thesis: Designing of Diallyl Disulfide Nanoliposome for the Precise Targeting of Breast Cancer Model - *In vitro*

Year of Award: 2022

28. Name: A. Rahna Fathima

Title of the Thesis: Spectroscopic Characteristics and Antioxidant Potential of *Neolamarckia cadamba* Leaf.

Year of Award: 2022

29. Name: G. Christina Getziah

Title of the Thesis: The effect of Bioconjugate Hydroxyapatite on Therapeutic Application and Removal of Textile Dyes.

Year of Award: 2022

30. Name: T. Haritha

Title of the Thesis: Construction of Optimized Liposomal Encapsulated Cisplatin Formulation to Enhance the Therapeutic Activity against *In vitro* Breast Cancer Model.

Year of Award: 2022

New accordion title

New accordion content

Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books / Chapters](#)
- [Database](#)

From 2006 to 2023

1. [Molecular investigation of miRNA biomarkers as chemoresistance regulators in melanoma: A protocol for systematic review and meta-analysis,](#)

P Shaw, G Raymond, KS Tzou, S Baxi, RR Mani, S Kumar Govind, HC Chandramoorthy, P Sivanandy, M Rajagopal, S Suja, S Krishnan, R Jayaraj, Genes 13 (1), 115 (2022)

2. [Mapping Research on miRNAs in Cancer: A Global Data Analysis and Bibliometric Profiling Analysis,](#)

P Shaw, K Lokhotiya, C Kumarasamy, K Sunil, D Suresh, S Shetty, GK Muthukaliannan, S Baxi, RR Mani, P Sivanandy, HC Chandramoorthy, MM Gupta, S

Suja, R Jayaraj

Pathophysiology 29 (1), 66-80 (2022)

3. [Conceptual and Statistical Interpretation of a Systematic Review and Meta-Analysis on Patient Adherence to Lung-RADS-Recommended Screening Intervals in the United States,](#)

MS Rajagopal, R Senthilnathan, KM Gothandam, S Samiappan, R Jayaraj

Journal of Thoracic Oncology 17 (3), e25-e27 (2022)

4. [Conceptual interpretation and clinical applicability of a systematic review and meta-analysis about prognostic value of apolipoproteins in COVID-19 patients,](#)

M Rajagopal, R Senthilnathan, S Shetty, A Devi, MR Ram, S Samiappan, R Jayaraj

Travel Medicine and Infectious Disease 46, 102248 (2022)

5. [Biomimetic of hydroxyapatite with *Tridax procumbens* leaf extract and investigation of antibiofilm potential in *Staphylococcus aureus* and *Escherichia coli*,](#)

A Nagaraj, NK Kalagatur, K Kadirvelu, S Shankar, UK Mangamuri, P Sudhakar, S Suja

NIScPR-CSIR, India, 755-766 (2022)

6. [Development of optimized novel liposome loaded with 6-gingerol and assessment of its therapeutic activity against NSCLC *Invitro* and *Invivo* experimental models,](#)

P Thangavelu, V Sundaram, K Gunasekaran, B Mujiyambere, S Raju, A Kannan, A

Arasu, K Krishna, J Ramamoorthi, S Ramasamy, T Velusamy, S Samiappan

Chemistry and Physics of Lipids 245, 105206 (2022)

7. COVID-19 outcomes in patients hospitalised with acute myocardial infarction (AMI): A protocol for systematic review and meta-analysis,

P Shaw, NB Senguttuvan, G Raymond, S Sankar, AG Mukherjee, M Kunale, GK

Muthukaliannan, S Baxi, RR Mani, M Rajagopal, S Samiappan, S Krishnan, R

Jayaraj

Covid 2 (2), 138-147 (2022)

8. [Clinical theragnostic relationship between chemotherapeutic resistance, and sensitivity and mirna expressions in head and neck cancers: A systematic review and meta-analysis](#) protocol,

P Shaw, G Raymond, R Senthilnathan, C Kumarasamy, S Baxi, D Suresh, S Shetty,

R Ram, HC Chandramoorthy, P Sivanandy, S Suja, M Rajagopal, S Krishnan, R

Jayaraj

Genes 12 (12), 2029 (2021)

9. [Mechanism underlying the inhibitory effect of bio-synthesized silver nanoparticle on TNF- \$\alpha\$ induced NF- \$\kappa\$ B nuclear translocation in prostate cancer cells,](#)

K Rajathi, KB Leneeygreen, and S Suja,

International Journal of Pharmaceutical Sciences and Nanotechnology, 14(2), 5396-5405 (2021).

10. [Haematological assessment of methanolic stem extract of *Cissus quadrangularis* linn. against freund's complete adjuvant induced female albino arthritic rats,](#)

S Shamina, Anjana and S Suja,

International Journal of Life science and Pharma Research, 10 (4), 155-163 (2020).

11. [Phytochemical screening and in vitro anti elastase, anti collagenase activity of *Cissus quadrangularis* linn,](#)

S Shamina, Anjana and S Suja,

World Journal of Pharmaceutical Research, 9 (8), 1693-1702 (2020).

12. [Profile of hematological abnormalities and its correlation with absolute CD4 count and human immunodeficiency virus viral load in human immunodeficiency virus-infected patients in a Tertiary Care Hospital,](#)

S Suja, T Saravanan, S Karthikeyan

Indian Journal of Sexually Transmitted Diseases and AIDS 41 (2), 156 (2020).

13. [Biosynthesis of nanocomposite from *Alpinia galanga* for phytochemical and characterization analysis for orthopaedic replacements,](#)

S Seethalakshmi and S Suja,

Journal of University of Shanghai for Science and Technology, 22 (11), 1007-6735, 1466-1479 (2020).

14. [The significance of miRNAs as a prognostic biomarker for survival outcome in T cell-acute lymphoblastic leukemia patients: a systematic review and meta-analysis,](#)

S Sabarimurugan, C Kumarasamy, MR Madhav, S Samiappan, and R Jayaraj

Cancer Management and Research, 12, 819 (2020).

15. [Presentation of antibacterial and therapeutic anti-inflammatory potentials to hydroxyapatite via biomimetic with *Azadirachta indica*: an in vitro anti-inflammatory assessment in contradiction of Ips-induced stress in raw 264.7 cells,](#)
A Nagaraj and S Samiappan,
Frontiers in microbiology, 10, 1757 (2019).
16. [Prognostic miRNA classifiers in t cell acute lymphoblastic leukemia: study protocol for a systematic review and meta-analysis of observational clinical studies,](#)
S Sabarimurugan, MM Royam, C Kumarasamy, GK Muthukaliannan, S Samiappan, and R Jayaraj,
Medicine, 98(9) (2019).
17. [Prognostic significance of blood inflammatory biomarkers NLR, PLR, and LMR in cancer-a protocol for systematic review and meta-analysis,](#)
C Kumarasamy, S Sabarimurugan, RM Madurantakam, K Lakhotiya, S Samiappan, S Baxi, R Nachimuthu, KM Gothandam, R Jayaraj,
Medicine, 98(24) (2019).
18. [Prognostic significance of lymph node ratio \(Lnr\): clinical insights and strategies for routine clinical practice,](#)
R Jayaraj, C Kumarasamy, S Sabarimurugan, MR Madhav, K Lakhotiya, R Nachimuthu, KM Gothandam, and S Samiappan,
Oral oncology, 91, 125-127 (2019).
19. [Approaches to interpret the outcomes of a network meta-analysis on comparative efficacy of different targeted therapies plus fulvestrant for advanced breast cancer following progression on prior endocrine therapy,](#)
R Jayaraj, C Kumarasamy, S Sabarimurugan and S Suja,
Cancer management and research, 11, 3349-3350 (2019).
20. [Validation of miRNA prognostic significance in stage II colorectal cancer: A protocol for systematic review and meta-analysis of observational clinical studies,](#)
S Sabarimurugan, C Kumarasamy, MM Royam, K Lakhotiya, GK Muthukaliannan, S Suja, R Jayaraj
Medicine 98 (12) (2019)
21. [Phyto chemical evaluation and antioxidant activity of methanol extract of *Loligo duvauceli* Ink,](#)
N Nisha, S Suja

Journal of Pharmacognosy and Phytochemistry 7 (1), 1764-1767 (2018)

22. [Clinicopathological attributes of T-lymphoblastic lymphoma seen in a tertiary care centre,](#)

L Mathan, A Ananthamurthy

Clinical Cancer Investigation Journal 7 (1), 1-1 (2018)

23. [Systematic review and meta-analysis of risk-reductive dental strategies for medication related osteonecrosis of the jaw among cancer patients: approaches anstrategies,](#)

R Jayaraj, C Kumarasamy, S Ramalingam and A Devi,

Oral Oncology, 86, 312-313 (2018).

24. [Letter to the editor regarding, the prognostic role of pd-l1 expression for survival in head and neck squamous cell carcinoma: a systematic review and meta-analysis,](#)

R Jayaraj, C Kumarasamy, S Suja and S Priya,

Oral Oncology, 77, 92-7 (2018),

25. [Antioxidant activity of methanol extract and partially purified form of Loligo duvauceli ink,](#)

N Nisha and S Suja,

International Journal of Research in Pharmacy and Pharmaceutical Sciences, 2 (6), 06-10 (2017).

26. [Antibacterial activity of methanol and water extract of Loligo duvauceli ink,](#)

N Nisha and S Suja,

International Journal of Biology Research, 2(4), 101-104 (2017)

27. [Investigating the cytotoxic effect of combined rhizome extract \(*Alpinia calcarata* and *Alpinia speciosa*\) and gold nanoparticle in the breast cancer mcf-7 cell lines,](#)

L Mohanasundari and S Suja,

International Journal of Research in Ayurveda and Pharmacy, 8(2):207-212 (2017).

28. [In vitro cytotoxicity testing of biosynthesised silver nanoparticle of *Androdera cordifolia* in prostate cancer cells \(PC-3\),](#)

K Rajathi, N Kannikaparameswari, and S Suja,

European Journal of Pharmaceutical and Medical Research, 4(1), 401-407 (2017).

29. [Molecular mechanism underlying quercetin induced apoptosis by in silico analysis and in prostate cancer pc-3 cells,](#)
K Rajathi and S Suja,
International Journal of Pharma and Bio Sciences, 8 (1), 463-469 (2017).
30. Antioxidant and chemotherapeutic potential of *Curcuma amada* rhizome extract on benzo (a) pyrene induced cervical carcinoma in Sprague Dawley rats,
VD Palanisamy, S Samiappan
Asian J Pharm Clin Res 10 (3), 235-242 (2017)
31. [Exploration of antimutagenicity of plant mediated synthesis of silver nanoparticles using the plant extract *Anredera cordifolia*,](#)
P Rajathi and S Suja,
World Journal of Pharmaceutical Research 5(10), 690-700 (2016).
32. [Antioxidant and free radical scavenging activity of the mixture of ethanolic extracts of *Alpinia speciosa* and *Alpinia calcarata* rhizome,](#)
S Suja and L Mohanasundari ,
International Journal of Pharmacy and Pharmaceutical Sciences, 8(8), 164-170 (2016).
33. [Production of tannase by *Citrobacter freundii* under solid state fermentation and its application in fruit juices debittering,](#)
S Murugan, P Uma Devi, P Mahesh, S Suja, and KR Mani,
Biosciences Biotechnology Research Asia, 5(1) (2016).
34. [Qualitative phytochemical Screeing of Rhizomes on *Alpinia Calcarata* and *Alpinia Speciosa*,](#)
L Mohanasundari, S Suja
Journal of pharmacognosy and phytochemistry 4 (2), 53-56 (2015)
35. [Synthesis and characterization of silver nanoparticles using *Basella rubra linn* and their in-vitro cytotoxic studies,](#)
K Rajathi, S Suja and N Kannikaparameswari,
International Journal of Chemistry and Pharmaceutical Sciences, 3(4), 1633-1636 (2015).
36. [Study on in-vitro antioxidant potential of *Solanum incanum* fruit extract,](#)
T Indhumathi, and S Suja,
International Journal of Current Trends in Pharmaceutical Research, 3(3), 873-877

(2015).

37. [Altered oxidant and antioxidant status in different symptoms of schizophrenia and its effect on acute, chronic patients,](#)

R Yalaga Rama, P Uma Devi, S Murugan, S Suja, and P Chinnasamy,
World Journal of Pharmacy and Pharmaceutical Sciences, 2278-4357, (2015).

38. [Protective role of Plectranthus amboinicusin aluminium-induced neurotoxicity,](#)

K Rajathi, S Suja and T Indhumathi,
International Journal of Medicine and Pharmaceutical Sciences, 3 (1) 13-20, 2250 - 0049 (2013).

39. [Protective effects of *Alpinia purpurata* \(Vieill\) against gentamicin-induced nephrotoxicity in albino rats,](#)

V Subramanian and S Suja,
Elixir Appl. Biology, 61, 17214-17217(2013).

40. [Hepatoprotective and antioxidant activity of *Alpinia purpurata* \(Vieill\) against carbon tetrachloride induced in Albino rats,](#)

V Subramanian and S Suja,
Elixir Bio Technology, 61, 16832-16836, (2013).

41. [A clinical study on neurotized free flaps for reconstruction of head and neck defects,](#)

S Suja
Madras Medical College (2013)

42. [Green synthesis of silver nanoparticles using *Coleus amboinicus* Lour, antioxidant activity and in vitro cytotoxicity against Ehrlich's Ascite carcinoma,](#)

V Subramanian, and S Suja,
Journal of Pharmacy Research, 5(2), 1268-1272 (2012).

43. [In-vitro antioxidant and phytochemical screening of ethanolic extract of *Alpinia purpurata*,](#)

J C Jovitta, S Aswathi, and S Suja,
International Journal of Pharmaceutical Sciences and Research, 3(7), 2071(2012).

44. [The effect of cement dust exposure on hematological and cytogenetic studies of cement workers,](#)

S Divya Priya and S Suja,
Research Journal of Pharmaceutical, Biological and Chemical Sciences 3(1):615-

620 (2012).

45. [Immunoglobulin classes \(IgG, IgA, IgM and IgE\) and liver function tests in workers occupationally exposed to cement dust,](#)

S Divya Priya, S Suja, and S Sharmila,

Journal of Pharmacy Research, 4(10), 3590-3592 (2011).

46. [Evaluation of antioxidant activity of *Alpinia purpurata* rhizome \(Vieill\),](#)

V Subramanian, and S Suja,

International Journal of Research in Pharmaceutical Sciences, 2, 4 (2011).

47. [Phytochemical screening of *Alpinia purpurata* \(Vieill\),](#)

V Subramanian, and S Suja

Research Journal of Pharmaceutical, Biological and Chemical Sciences, 2(3), 866 (2011).

48. Role of Nanofibrous Poly(Caprolactone) Scaffolds in Human Mesenchymal Stem Cell Attachment and Spreading for In Vitro Bone Tissue Engineering- Response to Osteogenic Regulators,

NS Binulal, M Deepthy, N Selvamurugan, KT Shalumon, S Suja, U Mony, R Jayakumar, SV Nair

Tissue Engineering Part A 16 (2), 393-404 (2010)

49. [Production of ethanol from *Ipomoea batatas* using *Saccharomyces cerevisiae*,](#)

E Saritha, R Anand, S Suja, and K Swaminathan,

Asian Journal of Bio Science, 4(2), 266-269 (2009).

50. [Bio adsorption of mercury using *Aspergillus niger*,](#)

E Saritha, R Anand, S Suja, P U Devi, and K Swaminathan

Asian Journal of Environmental Science, 3(2), 111-116 (2009).

51. [Antitumor and antimicrobial activities and inhibition of *in-vitro* lipid peroxidation by *Dendrobium nobile*,](#)

PU Devi, S Selvi, D Devipriya, S Murugan, S Suja

African Journal of Biotechnology 8 (10) (2009)

52. [A Profile of Diagnosis and Management of Ano Rectal Fistulae,](#)

S Suja

Kilpauk Medical College, Chennai (2009)

53. [Inhibition of in-vitro cytotoxic effect evoked by *Alpinia galanga* and *Alpinia officinarum* on PC-3 cell line,](#)

S Suja, and P Chinnaswamy

Ancient science of life, 27(4), 33 (2008).

54. [Evaluation of plasma total antioxidant response and total peroxides in different symptoms of schizophrenia patients,](#)

P Uma Devi, D Devipriya, S Murugan, S Selvi, S Suja, and P Chinnaswamy,

International Journal of Biological Chemistry, 2, 26-34 (2008)

55. [Comparison of non-enzymic antioxidant status of fresh and dried form of *Pleurotus florida* and *Calocybe indica*,](#)

S Selvi, P Uma Devi, S Suja, S Murugan, and P Chinnaswamy,

Pakistan Journal of Nutrition,6(5), 468-471 (2007).

56. [Antibacterial, in vitro-lipid peroxidation and phytochemical observation on *Achyranthes bidentata* Blume,](#)

P Uma Devi, S Murugan, S Suja, S Selvi, P Chinnaswamy, and E Vijayanand,

Pakistan Journal of Nutrition, 6(5), 447-451, (2007).

57. [Effect of mercury and effluents on seed germination, root-shoot length, amylase activity and phenolic compounds in *Vigna unguiculata*,](#)

PU Devi, S Murugan, S Akilapriyadharasini, S Suja, and P Chinnaswamy

Nature Environment and Pollution Technology, 6(3), 457 (2007).

58. [Inhibition of in vitro lipid peroxidation \(LPO\) evoked by *Calocybe indica* \(Milky Mushroom\),](#)

S Selvi, P Umadevi, S Suja, K Sridhar, and P Chinnaswamy,

Ancient Science of Life, 26(1-2), 42 (2006).

59 [Antidiabetic and hypolipidemic effect of *Cassia auriculata* in alloxan induced diabetic rats,](#)

P Uma Devi, S Selvi, S Suja, K Selvam, P Chinnaswamy

Int J Pharmacol 2 (6), 601-607 (2006)

1. [Influence of paclobutrazol \(pp333\) and sridiamin \(human hair-derived aminoacid mixture\) on growth and quality of tomato pkm-1,](#)

S Suja and N Anusuya,

In IOP Conference Series: Earth and Environmental Science, 131(1), 012002 (2018).

2. [Cytokeratin 19 \(ck19\) as a marker for epithelial differentiation and malignant transformation: its clinical relevance in diagnosis, prognosis and treatment response monitoring,](#)

M Bonaventure, Rama Jayaraj, and S Suja,

Iconic Research and Engineering Journals, 2(3), 51-61(2018).

3. [Di-Biotin-RGD: A Novel ARG-GLY-ASP Derivative with Diagnostic and Therapeutic Potentials against Breast Cancer,](#)

B Mujiyambere, P Thangavelu, K Gunasekaran, V Sundaram, A Nagaraj, A

Kariselvan, S Sureshkumar, SM Mehta, S Samiappan

Asian Journal of Organic & Medicinal Chemistry (2022).

Patent Details

1. Participated in the Three days national conference on Tryst with Millennials by, Department of Extension and career guidance, held at Bharathiar university Coimbatore from 9th to 11th January,2018

2. Organizing Secretary in Three- Day International conference on Bioscience and bioinformatics in Bharathiar University Coimbatore from 14th December to 16th December 2017.

3. Presented a paper on “Effect of Paclobutrazol and Sridiamin on Growth and Quality of Tomato PKMI” in Green Agro Industry and Bio economy at Faculty for Agricultural Technology, Universitas Brawijaya, Indonesia on 24-25 October 2017

4. Presented a paper on A study on “Novel Anticancer Drugs using Medicinal Plants” in the International Conference on Interdisciplinary Interaction on Non Communicable Disease at Annamalai University, Chidambaram, 22nd -24th Sep 2017

5. Presented a Paper entitled “Impact of Medical Plant in the Current Scenario “and chaired session in Herbal and Natural Components as the Future of Pharmacology & 7th Annual Meet of the National Society of Ethno pharmacology” held at Avinashilingam University from 27th February to 1 march 2017

6. Presented a Paper entitled "Preparation and Characterization of Nano hydroxyapatite" in Neo-classical Approaches in Zoological Sciences (NCNAZS & 17) A Zoology Society Initiative-II Young Scientists Meet (YSM-II) held at University of Madras, Chennai, Zoological Society, Kolkata from 16th to 17th February 2017.

7. Presented a Paper entitled "Exploration of Anti mutagenicity of Plant Medicated Synthesis of silver nanoparticles using the plant Extract Andrea Cordifolia in Translational Cancer Research (ICTCR-2015) held at Avinashilingam University from 14th December to 16th December, 2015.

8. Presented a Paper entitled "Chemo preventive effect of curcoma Amada Rhizome against Benzo (a) Pyrene Induced Cervical carcinoma in Exp Animals, in Converging Biotechnology Innovations for Health Food and Environmental Welfare, held at Karunya University from 2nd December to 4th December, 2015.

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