

## Curriculum Vitae

1. **Name:** Dr. K. PUNNAGAI

2. **Degrees obtained:**

MBBS; M.D

3. **Current designation:**

Professor & Head

Department of Pharmacology

Tagore Medical college & Hospital

Chennai 600127

4. **E-mail ID:**

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5. **Contact number:**

+919840574080

6. **Contact address:**

7/74, Elangonagar Annexe, CRR Puram Phase IV, Virugambakkam, Chennai 600092

7. **Tamil Nadu MCI registration no:** 50413

8. **Qualification details:**

Degree	College	University	Year of Completion
MBBS	Kilpauk Medical College Hospital	Madras University Chennai	1992
MD	Sri Ramachandra Medical College and Research Institute, SRIHER, Porur, Chennai	SRIHER Chennai	2006

## 9. Work experience

Name of the post held	Name of the organization/Institute	Period	
		From	To
PG/Demonstrator	Sri Ramachandra Medical College & Research Institute, SRIHER, Chennai	15.06.2003	01.07.2006
Assistant Professor	Sri Ramachandra Medical College & Research Institute, SRIHER, Chennai	31.07.2006	02.09.2012
Associate Professor	Sri Ramachandra Medical College & Research Institute, SRIHER, Chennai	03.09.2012	31.05.2018
Professor	Sri Ramachandra Medical College & Research Institute, SRIHER, Chennai	01.06.2018	Till date
Professor & Head	Sri Ramachandra Medical College & Research Institute, SRIHER, Chennai	27.04.2019	13-04-2023
Professor & Head	Tagore Medical College & Hospital, Chennai 600127	10.08.2023	Till date

## 10, Experience as Faculty in Pharmacology

**UG Teaching Experience : 17 years**

**PG teaching Experience : 17 years**

**Head of the Department : 04 years**

**IEC Member : 13 years**

**NAAC Coordinator : 07 years**

**Dept. NMC incharge : 07 years**

**Pharmacovigilance Committee member : 10 years**

**SRMC Pharmacovigilance AMC coordinator : 04 years**

**Board of studies member:**

**SRMC : 04 years (MBBS, MD)**

**SRM : 03 years**

**Maher : 04 years**

**Curriculum Designed : CBME MBBS, MD, M.Sc. BMS (CHOICE BASED CREDITS)**

**Government of Tamilnadu Etymological Committee Member: 07 years**

**Best Employee Award : 2017**

**Organizing Chairman for Workshops, Rapid review courses, Conferences, Webinars : 10**

**Guest speaker and Panel speaker in conference and rapid review courses : 15**

**Guide: PhD: 3 MD: Completed: 8 Ongoing: 4 MBBS: Completed:4 Ongoing: 2**

**Experience ( 17 years in Postgraduate and undergraduate teaching)**

**A. Teacher, Facilitator, Mentor and Guide:** As a teacher, facilitator, mentor, and guide i have experience in Postgraduate and undergraduate medical teaching courses like MD (Pharmacology, Sports Medicine), M.Sc(Neurosciences, Renal sciences, Clinical Nutrition, Clinical Psychology), Human Genetics, MDS, MBBS,BDS, B.Sc (AHS, Nursing, Biomedical Sciences, Optometry, Trauma care, Sports Medicine), BPT

**B. Examinership:** I have been external and internal examiner for various courses like MD, MBBS, B.D.S, and B.Sc Nursing At various universities in Tamil nadu for the past 3 years. question papers setter for MBBS, BDS, M.Sc courses.

**C. Total number of MD exams As Internal Examiner - 4**

**D. Total number of MD exams As External Examiner – 5**

**E. Total number of PhD Examination as External examiner - 3**

**F. Subject Expert in Tamilnadu and Telungana state public service commission recruitment board –**

**. Guide**

PhD Guide - 2 Research Scholars, Full time – 1

MD Pharmacology - Dissertation :

Total number of postgraduate students as a guide: 6

- Total number of students who have successfully completed the degree under my guideship: 5
- Total number of students pursuing MD Pharmacology under my guideship: 6

**Professional contributions**

**Courses handled (UG, PG)**

- MBBS, BDS, BSc Nursing, AHS, Biomedical Sciences, Optometry, Clinical Research, BPT, BOT, Trauma care, Sports Medicine, Full time PhD, MD (Pharmacology), MSc Critical care nursing, Clinical Research, perfusion technology, MSc Human Genetics, Clinical Psychology, Renal and Neurosciences, Public Health, Clinical Nutrition, MDS, and other allied health sciences

## **11. Organized workshops and courses**

- Organized the Event “Guess the Prescription” Pharmacology Quiz for Nationwide students at the Equinox 2016 and “Pharmhunt” in the Equinox 2017 National Undergraduate Conference by Sri Ramachandra Medical College and Research Institute.
- Organizing secretary for the “Industry Oriented Applied Pharmacology” workshop on 21.9.17 & 22.9.17
- Organized scientific sessions in the Clinicopharmacology conference held at SRMC & RI on 4<sup>th</sup> and 5<sup>th</sup> September 2018
- Organizing Secretary for ASPIRE (Annual Sri Ramachandra Pharmacology Insight Rapid Review Course) - 2019 from 31.1.2019 to 3.2.2019 (4 days)
- Organizing Chairperson of the Annual Clinical Pharmacology Event and Training (ASCENT – 2019) a National conference conducted Department of pharmacology, SRMC & RI on 11<sup>th</sup> and 12<sup>th</sup> October 2019.
- Organizing Chairperson for the 4<sup>th</sup> Annual Sri Ramachandra Pharmacology Insight Rapid Review Course) – 2020 from 31<sup>st</sup> January to 3<sup>rd</sup> February 2020 (4 days) attended by more than 100 MD pharmacology postgraduates throughout India.
- Organizing Chairperson of the Webinar conducted on 30<sup>th</sup> July 2020 on the topic, “Clinical evaluation of vaccines – Regulatory and Ethical considerations” attended by more than 500 delegates throughout India.
- Organizing Chairperson of the Webinar conducted on Pivotal Role of Health Care Professionals in ADR reporting - Overview of Pharmacovigilance attended by more than 173 delegates throughout India.
- Organized Event PHARMQUEST’2020 Pharmacology Quiz programme for II MBBS Students
- Organizing Chairperson for the 5<sup>th</sup> Annual Sri Ramachandra Pharmacology Insight Rapid Review Course (ASPIRE’21) – 2021 from 24, 25, 30, 31 January 2021 (4 days) attended by more than 300 MD pharmacology postgraduates throughout India.
- Organized Event PHARMFEST’21 Pharmacology programme for BDS Students
- Organizing Chairperson for the National Pharmacovigilance week celebrations from 17<sup>th</sup> to 23<sup>rd</sup> September, 2021
- Organizing Chairperson for the National Conference on Medication safety (NCMS-2021) conducted on October 29, and 30, 2021 through virtual mode , throughout india themed “Safe Medication Practices”
- Organized Event PHARMCOM’21 Pharmacology programme for MBBS students
- Organizing Chairperson for the 6<sup>th</sup> Annual Sri Ramachandra Pharmacology Insight Rapid Review Course (ASPIRE’22) – 2021 from 12<sup>th</sup>, 13<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup>, 26<sup>th</sup>

February, 2022 (5 days) attended by more than 250 MD pharmacology postgraduates throughout India.

## **12. Resource person/guest speaker/judge**

- Speaker and conducted a demo on Pedagogy for MD Pharmacology postgraduates in the ASPIRE 2017.
- Judge for the Scientific & Artistic Poster Competition on July 24<sup>th</sup> 2018 on World bioethics day preliminary rounds conducted by SRMC-UNESCO Bioethics Unit.
- Invited Speaker at the “National workshop on Good clinical Practice” conducted by the department of Pharmacology, Karpaga Vinayagar Medical College & Research center at chengalpet on 5<sup>th</sup> of April 2019.
- Panel Speaker on the topic What next in Anaemia control? Alternatives in the current pharmacotherapy in the Working group discussion on the “Shades of Health A comprehensive Effort to Besiege Anaemia” organized by the Institute of Community Medicine, Madras Medical College, Chennai on 1<sup>st</sup> of March 2019.
- Speaker and conducted a demo programme on “Pedagogy and Microteaching for MD Pharmacology Postgraduates” in the ASPIRE 2017 & ASPIRE 2019 Rapid Review course for Pharmacology postgraduates.
- Chairperson In the session on Alternatives to animal models in the Pharmaltex Conference held in Sree Balaji Medical College and Hospital, Chrompet, conducted by the Department of Pharmacology on October 12<sup>th</sup> 2018.
- Judge for the Oral Paper session in the SRMC OPTIMUS 2019 a National undergraduate Medical Conference conducted by SRMC & RI on July 5<sup>th</sup> 2019.
- Judge for the various scientific sessions in the National Conference “Clinicopharmacon” at SRMC, National workshop on Clinical Pharmacodynamics at Narayana Medical College, Nellore and “Star Summit for BDS students at Saveetha Dental College.
- Judge for the Oral paper session in the ASCENT Conference on Clinical Pharmacology Training organized by the Department of Pharmacology, SRMC & RI on 11<sup>th</sup> & 12<sup>th</sup> of October 2019.
- Judge for the Oral paper session in the “ResMecon” National conference organized by the Department of Physiology and Association of Physiologists of Tamilnadu held on 8 and 9<sup>th</sup> November 2019
- Moderator of Pedagogy session and also Speaker on the topic,” Novel oral Anticoagulants” on 2<sup>nd</sup> February 2020 at the 4<sup>th</sup> ASPIRE (Annual Sri Pharmacology Insight Rapid Review Course 2020) held in Jan Feb 2020.
- Judge for the Oral Paper Session in the 4<sup>th</sup> ASPIRE Rapid review course conducted by the Department of Pharmacology SRMC & RI, on 2<sup>nd</sup> February 2020.

- Guest speaker for sensitizing Healthcare Professionals about “OVERVIEW OF PHARMCOVIGILANCE PROGRAMME OF INDIA” at Panimalar Medical College and Hospital at Chennai on 16<sup>th</sup> March 2020.
- Guest speaker in the Webinar on Pharmacotherapy of Waterborne Diseases at Chettinad Academy on 31.10.2020
- Guest Speaker on ASCENT’2021 Important Antimicrobials in ENT at Sri Ramachandra Institute of Higher Education and Research
- Judge for the event "PHARMFEST" 2021 for II BDS students (Fun Based Learning)
- Guest speaker on Basic Concepts in Clinical Trial Regulations & ICH – GCP in Great Eastern Medical School & Hospital, Ragolu , Karnataka
- Chairperson for the International Virtual CME & Workshop on Clinical Study Protocol Writing, at Institute of Pharmacology, Madurai Medical College
- Judge for the National Pharmacovigilance Week celebrations at Department of Pharmacology, SRMC & RI
- Chairperson for the conference HYPERPIESIA 2021 -Hypertensive Ophthalmic Threat at Sri Balaji Medical College and Hospital, Chennai
- Judge for the National Conference on Medication Safety (NCMS -2021) at Department of Pharmacology, SRIHER
- Judge for the event conducted in (Awareness Poster)ASPIRE 2022 - 6th Annual Sri Ramachandra Pharmacology Insight & Rapid review course - Department of Pharmacology, SRIHER
- Speaker on the topic Antimicrobial therapy in critical care settings and also done a Panel Speaker in the Competency based MD Curriculum Panel discussion and also a moderator in the Demonstration of Pedagogy – Microteaching for Postgraduates in ASPIRE 2022 6th Annual Sri Ramachandra Pharmacology Insight & Rapid review course - Department of Pharmacology, SRIHER
- Judge for the Oral presentation on Curriculum enrichment program for Postgraduates - PREPARE by Department of Physiology SRMC &RI , SRIHER
- Judge for the poster competition in RACT - 2022 - National Conference on Regulatory Aspects in Clinical Trial - A global Outlook by SRM medical College and Hospital
- Guest speaker on the topic Virtual CME on Good Clinical Practice and New Drug and Clinical Trial Rules organized by Institutional Ethics Committee ,Aravind Eye Hospital, Chennai
- Chairperson and moderated a session on SAE and Compensation guidelines in India as per NDCT 2016, organized by the National Association of Pharmacology and therapeutics in association with AIIMS Nagpur
- Competency, capacity and career – 3 C’s of new PG curriculum – Insights and interactions with experts - ASPIRE 2022, on 12.02.2022
- Antimicrobial therapy in critical care settings - ASPIRE 2022, on 20.02.2022

- Pedagogy – Microteaching for Postgraduates - ASPIRE 2022 , on 26.02.2022
- Invited Speaker : Title : Informed Consent - Virtual CME on Good Clinical Practice and New Drug and Clinical Trial Rules organized by Institutional Ethics Committee ,Aravind Eye Hospital, Chennai – 13.05.2022
- National Online Workshop on Good Clinical Practice by National Association of Pharmacology and Therapeutics in Association with AIIMS Nagpur (Moderator)– 24.03.2022
- Virtual CME on Good Clinical Practice and New Drug and Clinical Trial Rules by Aravind Eye Hospital, Chennai – 13.05.2022
- Pedagogy - Coaching the Coach (With Focus on Assessment) - ASPIRE 2023,
- Orexin Modulators - ASPIRE 2023,
- இணையவழிபன் னாட்டு கணைச்சாண்ைாக்க பயிரைங்கம் 78ஆவது  
அன்பு - சசந்தமிழ் சசாற்பிறப்பியை, அகர முதலி திட்ட இயக்ககம் -  
தமிழக அரசு (Outreach Activity) – 24.03.2023
- Judge - Awareness poster - 6th Annual Sri Ramachandra Pharmacology Insight and Rapid Review course - ASPIRE'2022
- Oral Presentation : Curriculum enrichment program for Postgraduates - PREPARE by Department of Physiology SRMC &RI , SRIHER – 06.04.2022 to 09.04.2022
- Judge - Poster competition : RACT - 2022 - National Conference on Regulatory Aspects in Clinical Trial - A Global Outlook by SRM Medical College and Hospital – 25.04.2022
- Chairperson for scientific session for the CME on Therapeutics in Autoimmune Disorders - Myths and Mysteries organized by Govt.Stanley Medical College, Chennai - 12.08.2022
- Organizing Chairperson - PHARMAWARE'22 An Awareness Programme on Medication Safety conducted by the Department of Pharmacology, SRMC & RI for M.Sc Trauma Care Management, Renal Sciences sand Dialysis Technology, Neuro Sciences students – 06.08.2022
- Organizing Chairperson - PHARMAP'22 - Innovative programme conducted for B.Sc Allied Health Sciences Students conducted by the Department of Pharmacology, SRMC & RI, SRIHER – 10.08.2022
- Judge - E - Poster competition - PHARMAP'22 - Innovative programme conducted for B.Sc Allied Health Sciences Students conducted by the Department of Pharmacology, SRMC & RI, SRIHER – 10.08.2022
- Organizing Chairperson - PROJECTPHARM'22 A Project Presentation Programme conducted by Department of Pharmacology, SRMC& RI , SRIHER , for II BDS students – 12.08.2022
- Programme Coordinator - Injection Technique Workshop Injection Techniques - OPTIMUS'22 Conference for Undergraduate Medical Students - 26.08.2022 & 28.08.2022

- Organising Chairperson - National Pharmacovigilance Week Celebrations - September 2022 - 17.09.2022 - 23.09.2022
- Judge - E Poster - National Pharmacovigilance Week Celebrations September - 2022 – 17.09.2022 – 23.09.2022
- Chairperson - Scientific Session - First Annual National conference of National association of Pharmacology and Therapeutics (NAPTICON 2022), organized by Father Muller Medical College , Mangaluru - 28.10.2022 & 29.10.2022
- Judge - Infection Control Competition - Foundation Course I MBBS 2022-2023, SRIHER- 01.12.2022
- Judge - Awareness Poster - ASPIRE 2023 - 7th Annual Sri Ramachandra Pharmacology Insight and Rapid Review Course
- Judge - PREPARE 2023 - Curriculum Enrichment Program for Postgrauates – 30.03.2023

### **13. Professional memberships**

- Life member of Indian Medical Association (IMA)
- Life member of Society of Basic Medical Sciences

### **14. Member of committees:**

- Member of Pharmacovigilance Committee and Causality assessment committee- from 2015
- Member of Institutional ethical committee (IEC II) of SRIHER (other than drugs, devices, herbals, Vaccines, biologicals)
- Member of Tamilnadu government appointed Tamil Etymological committee (kalaicholpirapiyal) to develop new words for scientific terminologies from 2017 till date.
- Member of Board of studies for B.Sc AHS & MBBS at Saveetha institute of Medical education and Research
- Member of Board of studies for undergraduate and Postgraduates studies at SRIHER
- Editorial Member of National journal of Basic Medical Sciences (NJBMS) a peer reviewed indexed Medical journal associated with the society of basic medical sciences
- Member of early clinical exposure committee for CBME foundation course for first year MBBS at SRMC & RI in the year 2019. CBME committee for phase 2 MBBS in 2020.
- Member of Academic Committee of SRIHER
- Member of Editorial board of “SRMC Pharmvigil” E-Newsletter of Department of Pharmacology, SRMC & RI, SRIHER.
- Expert Member – Doctoral Committee (Dr.Sridevi S.A. PhD) at Dr. M.G.R Educational and Research Institute, Maduravoyal.



- Committee of Pharmacy , Pharmaceutical Products and Occupational Health – Department of Medical and Rural Health Services
- Causality Assessment Committee – SRMC – AMC monitoring Centre
- Institutional Ethics Committee – Aravind Eye Hospital, Chennai
- Board of Studies member – MAHER , Chennai
- Board of Studies member – SRM Medical College & Research Centre, Chennai

## **15. Administrative contributions**

- 1. Within Institute: Head of the Department of Pharmacology from 02.05.2019 – 13-04-2023**
- 2. Coordinator – Sri Ramachandra AMC Chennai**

## **16. Organization of academic events**

- Organized the Event “**Guess the Prescription**” Pharmacology Quiz for Nationwide students at the Equinox 2016 and “**Pharmhunt**” in the Equinox 2017 National Undergraduate Conference by Sri Ramachandra Medical College and Research Institute
- Organizing secretary for the “Industry Oriented Applied Pharmacology” workshop on 21.9.17 & 22.9.17
- Organized scientific sessions in the Clinicopharmacology conference held at SRMC & RI on 4<sup>th</sup> and 5<sup>th</sup> September 2018
- Organizing Secretary for ASPIRE (Annual Sri Ramachandra Pharmacology Insight Rapid Review Course) - 2019 from 31.1.2019 to 3.2.2019 (4 days)
- Organizing Chairperson of the Annual Clinical Pharmacology Event and Training (ASCENT – 2019) a national conference conducted Department of pharmacology, SRMC & RI on 11<sup>th</sup> and 12<sup>th</sup> October 2019
- Organizing Chairperson for the 5<sup>th</sup> Annual Sri Ramachandra Pharmacology Insight Rapid Review Course) – 2021 from 24 , 25, 30, 31 January 2021 (4 days) attended by more than 300 MD pharmacology postgraduates throughout India
- Organizing Chairperson for the National Conference on Medication Safety –2021 October 29 and 30 (2 days ) attended by more than 250 participants throughout India
- Organizing Chairperson for the 6<sup>th</sup> Annual Sri Ramachandra Pharmacology Insight Rapid Review Course (ASPIRE’22) – 2021 from 12<sup>th</sup> , 13<sup>th</sup> , 19<sup>th</sup> , 20<sup>th</sup> , 26<sup>th</sup> February, 2022 (5 days) attended by more than 250 MD pharmacology postgraduates throughout India
- 6<sup>th</sup> Annual Sri Ramachandra Pharmacology Insight and Rapid Review course - ASPIRE'2022 – Organising Chairman (12.02.2022, 13.02.2022, 19.02.2022, 20.02.2022, 26.02.2022)
- Injection Techniques - Skills Training Workshop for CRRI Students – 11.04.2022
- Pharmacovigilance Sensitization for CRRI Students – 11.04.2022

- PHARMAWARE'22 - Innovative programme conducted for M.Sc Trauma Care Management, Neuro Sciences and Renal Sciences and Dialysis Technology Students – 06.08.2022
- PHARMAP'22 - Innovative programme conducted for B.Sc Allied Health Sciences Students – 10.08.2022
- PROJECTPHARM'22 - Innovative programme conducted for II BDS Students – 12.08.2022
- Injection Techniques - OPTIMUS'22 Conference for Undergraduate Medical Students – 27.08.2022
- National Conference on Recent Trends in Clinical Pharmacology Conducted by the Department of Pharmacology Division of Clinical Pharmacology ,SRMC & RI ,SRIHER – 10.01.2023
- ASPIRE 2023- 7th Annual Sri Ramachandra Pharmacology Insight and Rapid Review Course - Organizing Chairman –(11.02.2023,12.02.2023, 18.02.2023,19.02.2023, 25.02.2023)

## **17. Research contributions**

### **Areas of expertise and interest**

- Academic Clinical studies involving areas of acute and chronic pain, allergy, glaucoma, Pharmacovigilance, Medical Education, Repurposing of drugs.
- Invitro and Zebra fish Research: Antiproliferative, Wound healing, Antidiabetic, antiangiogenic activities of drugs. Algae and plants

## **18. Research projects – As a guide for PhD and MD Pharmacology**

- Repurposing drugs – An evaluation of the Wound healing activity of drugs Lercanidipine, Valsartan Vs Phenytoin in adult zebra fish model
- Antiproliferative activity of Vanilla Planifolia leaf and stem extract in MCF 7 & A431 cell lines
- Antibacterial, antifungal, Antidiabetic, Antiprolifertive, antiangiogenic activities of Ethanolic extract of Andrographis Echioides plant
- Efficacy and Safety of Diclofenac Sodium and Novel Cox 2 inhibitor Etoricoxib in Controlling Post Extraction Dental Pain – A Randomised Open Label Comparative Study
- A Comparative study of the Safety and Efficacy of topical Difluprednate with Dexamethasone in the Control of Post-Operative Pain and Inflammation following Cataract Surgery

- Comparative Study of Safety and Efficacy of Gabapentin Versus Amitriptyline in Patients with Painful Diabetic Peripheral Neuropathy, A Randomized open Label Parallel Group Study
- Comparison of Safety and Efficacy of Venlafaxine versus Amitriptyline in the Prophylactic Treatment of Moderate to Severe migraine: A Randomized, Open label, Parallel Study
- A Randomized, Open label, Parallel Comparative study of Efficacy and Safety of Duloxetine versus Milnacipran in patients with Fibromyalgia in a Tertiary care Centre
- A Randomized Open Label Parallel Comparative Study of Efficacy, Tolerability & Safety of Bepotastine Besilate versus Levocetirizine in Patients with Chronic Spontaneous Urticaria in a Tertiary Care Hospital
- A Randomized Open Label Parallel Comparative Study of the Efficacy, Safety and Tolerability of Ophthalmic Solutions of Alcaftadine 0.25% with Olopatadine 0.1% in patients with Allergic Conjunctivitis in a Tertiary care centre
- Evaluation of Antianxiety and Anti depressant activities of Ethonolic extract of *Andrographis echioides* in adult Zebra fish model
- Antioxidant and Anti-inflammatory effect of ethanolic extract of *Andrographis Echioides* in the adult zebra fish model
- Toxicological and Neurobehavioral activities of algae “*Sargassum tenerrimum*” using adult zebra fish model.
- A Biosurfactant mediated nanoparticle synthesis and its application study
- Evaluation of Anti-cancer activity of Kunitz Soybean Trypsin Inhibitors-Protease Inhibitor family –Dr. Ariarasudhan - ICMR TSS 2021
- Evaluation of neuroprotective activity of Apigenin in Rotenone induced Parkinson’s disease in adult zebra fish.
- Evaluating the anxiolytic and antidepressant effects of *Synsepalum dulcificum* fruit extract in adult zebrafish – Ms. Anjali Mishra – (ICMR – STS -2020)
- Evaluation of antidepressant drug activity of Fucoidan and Vortioxetine for Reserpine induced depression in adult zebra fish – Ms. Nimisha Singh - Summer Research Fellowship- 2021
- Evaluation of the antidepressant and neuroprotective effects of Fucoidan iron oxide nanoparticles in adult zebrafish model – Ms. Vrindha –(ICMR-STS) 2022
- Evaluation of Anti inflammatory (in vitro) pro angiogenic (in vivo) and wound healing property(in-vitro &invivo)of novel SGLT2 inhibitor Empagliflozin in adult zebrafish model.

- Toxicological and Pharmacological evaluation of Anticancer Activity of selected kunitz soy bean Trypsin Inhibitor of Family Proteins
- Evaluation of Neuroprotective Activity of Apigenin in Rotenone Induced Parkinson's disease in Adult zebrafish
- Preclinical Evaluation of Anticancer activity of Sapogenins
- A Randomized, Open label Study to Evaluate Efficacy and Safety of Doxycycline with add on Oral Probiotic and Doxycycline as Monotherapy in Patients with Moderate a Acne Vulgaris
- Psychopharmacological and Toxicological Profile of The Brown Algae Sargassum Tenerrimum In Adult Zebrafish Model
- Bio Surfactant Mediated Nano Particle Synthesis and Its Application Studies
- Evaluating the anxiolytic and antidepressant effects of Synsepalum dulcificum fruit extract in adult zebrafish
- Evaluation of antidepressant drug activity of Fucoïdan and Vortioxetine for Reserpine induced depression in adult zebra fish

## 19. Publications

### A. Publications

1. Kumaravelu P, Kaliappan V, et al. A Comparative Study Of Oral Analgesics: Etoricoxib With Tramadol In Acute Postoperative Pain: A Randomized Double Blind Study. *Journal of Clinical and Diagnostic Research*. 2010 June; 4: 2398-2405. (First & Corresponding Author)
2. Vijaybabu K, Punnagai K et al; Comparative study of Cholesterol absorption Inhibitor Ezetimibe with Atorvastatin and Atorvastatin Alone in Type II Diabetes Mellitus Patients with Primary Hypercholesterolemia. *International Journal of Basic Medical Sciences* 2010. Vol 1; Issue 1:11-16
3. Dr. Glory Josephine, Dr. Vijaybabu .K, Dr. Punnagai .K, Dr. Arul Amutha .E. Effects Of Acamprosate /Disulfiram On Serum Lipid Profile In Chronic Alcoholics. *NJBMS*, 2010, Vol 1 (3); 83-90
4. K.Vijaybabu K.Gunasekaran, K.Punnagai. A Comparative study of diluents (crystalloid vs colloid) in acute normovolaemic haemodilution. *International Journal of Basic Medical Sciences*. 2011; vol 5: Issue 2: 64-70
5. Karthik VP, Srinivasan V, Gowri V, Punnagai K. In-vitro free radical scavenging activity of Canthium Coramandelum extract. *World Journal of Pharmaceutical*

6. Arul Amutha Elizabeth L, Glory J, Vijaybabu K, Darling C D, Punnagai K. Short-Term Furosemide Therapy In Chronic Renal Disease; Implications Of Hypomagnesia And Potential For Improving Hyperkalaemia. *Journal of Clinical and Diagnostic research*, 2011/12;Vol 5, Issue 1
7. Pavithra Sekar, K.Punnagai et al. Evaluation of the rationality of claims made in drug promotional literature in west Chennai. *Asian J Pharm Clin Res*, Vol 8, Issue 5, 2015, 107-109. (Second Author)
8. CA. Amirtha, Punnagai Kumaravelu, Darling Chellathai David. Evaluation of anticancer effect of DPP-4 inhibitor in colon cancer. *Journal of Clinical and Diagnostic Research*. 2015 Dec, Vol-9(12): FC14-FC16 (Second Author)
9. I. Glory Josephine, Arul Amutha Elizabeth, K. Punnagai, NS. Muthiah. Comparative study of *Vetiveria zizanioides* and *Foeniculum vulgare* extracts on behavioral despair of Wistar albino rats. *Journal of Chemical and Pharmaceutical Research*, 2015, 7(8):729-734
10. Darling Chellathai, Punnagai Gunasekaran, et al. Evaluation of Antibacterial and Antifungal activity of *Barleria Cristata*- an invitro study. *World Journal of Pharmaceutical Research*.2015, Vol 4, Issue 2, 1253-1258. (Second Author)
11. K. Punnagai, Darling Chellathai David et al. Evaluation of Antifungal Activity of Ethanolic Extract of '*Andrographis Echioides*' –an invitro study. *Int J Pharm Bio Sci* 2016 Oct; 7(4): (P) 6 – 10 (First & Corresponding Author)
12. Punnagai K et al. Evaluation of antibacterial activity of ethanolic extract of '*Andrographis Echioides*' – an in vitro study. *International Journal of Phytopharmacology*. 7(4), 2016, 214-217. (First & Corresponding Author)
13. Glory Josephine I, Inbaraj SD, Kumaragurubaran K, Punnagai K, Muthaiah NS. A Comparative study of anti-angiogenic activities of medicinal plants and its therapeutic potential in angiogenesis-dependent disorders. *Asian J Pharm Clin Res*,2016; Vol 9(1): 204-7
14. Anitha E, Punnagai K, et al. Evaluation of anti-diabetic effect of ethanolic extract of *Andrographis Echioides* by alpha glucosidase and alpha amylase assay. *Int J Pharm Bio Sci* 2017; 8(1): (P) 50 – 54 (Second Author)

15. I. Glory Josephine, K. Punnagai, NS. Muthiah. In vitro Antibacterial Activity of Ethanolic Extract of 'Calliandra Haematocephala' against Selected Bacterial Strains. *Biomed. & Pharmacol. J.*, 2017; Vol. 10(3), 1279-1284 (Second Author & Corresponding Author)
16. Bamathy B, Punnagai k, et al. Incidence and Patterns of Acute Poisoning Cases in an Emergency Department of a Tertiary Care hospital in Chennai. *Biomed. & Pharmacol. J.*, 2017; Vol. 10(3), 1285-1291. (Second & Corresponding Author)
17. Sekar P, Punnagai K, David D. C. Comparative Study of Safety and Efficacy of Gabapentin Versus Amitriptyline in Patients With Painful Diabetic Peripheral Neuropathy, A Randomized open Label Parallel Group Study. *Biomed Pharmacol J*, 2017; 10(3).
18. Gayathri E, Punnagai K, et al. Evaluation of Anticancer activity of Olmesartan and Ramipril on A549 cell lines. *Biomed. & Pharmacol. J.*, 2018; Vol. 11(3), p. 1351-1357. (Second & Corresponding Author)
19. Punnagai K, Vijaybabu K, et al. Comparative Analysis of the anticancer activity of Angiotensin Receptor Blockers - Irbesartan and Telmisartan. *Asian J Pharm Clin Res*, Vol 11, Issue 12, 2018, 403-406 (First Author)
20. Punnagai K, Glory Josephine I. Alpha-amylase and Alpha-glucosidase inhibitory effects of Calliandra Haematocephala and its potential role in Diabetes Mellitus. *Asian J Pharm Clin Res*, Vol 11, Issue 12, 2018, 429-432. (First Author)
21. Kaliappan V, Punnagai K, et al. Antiproliferative effects of Vanilla planifolia leaf extract against breast cancer MCF-7 cells. *Int J Basic Clin Pharmacol.* 2019 Jan; 8(1):51-55
22. Gunasekaran K, Vijaybabu K, Punnagai K et al. Effects of learning style preferences among undergraduate medical students in Tamilnadu. *National journal of Basic Medical sciences*, 2018;9(2);96-102
23. Karthik VP, Krishnan V, Punnagai K et al. In Vitro Free Radical Scavenging Activity and Alpha Amylase Inhibitory Activity of Croton tiglium extract. *BIOMEDICINE*. Volume No: 39; Number 1 (January –March) Pg.188-192
24. Karthik VP, Punnagai K, Parepalli Suresh et al. In Vitro Hydrogen Peroxide Scavenging Activity and Alpha Amylase Inhibitory Activity of Croton tiglium extract. *Research J. Pharm. and Tech.* 12(6): June 2019

25. Josephine I. G, Punngai K. In Vitro Cytotoxicity Activity of Ethanolic Leaf Extract of *Costus Igneus* Against Hepatocellular Carcinoma (HepG2) Cells. *Biomed Pharmacol J* 2019;12(2).
26. Anand P. V. V. M, Kranthi K, Punngai K, David D. C. Evaluation of Alpha-Glucosidase Inhibitory Activity of *Vinca Rosea*. *Biomed Pharmacol J* 2019;12(2).
27. Suresh P, Xavier A. S, Karthik V. P, Punngai K. Anticancer Activity of *Cissus Quadrangularis* L. Methanolic Extract Against MG63 Human Osteosarcoma Cells – An In-Vitro Evaluation using Cytotoxicity Assay. *Biomed Pharmacol J* 2019;12(2)
28. Kranthi K, Priya V. V. M. A, Punngai K, David D. C. A Comparative free Radical Scavenging Evaluation of Amantadine and Rasagiline. *Biomed Pharmacol J* 2019;12(3).
29. Vijaybabu K, Punngai K. In-Vitro Anti-Proliferative Effects of Ethanolic Extract of *Vanilla Planifolia* Leaf Extract Against A431 Human Epidermoid Carcinoma Cells. *Biomed Pharmacol J* 2019;12(3).
30. Sowmya P, Balaji C, Elizabeth A. A, Punngai K. Comparative Study on the Efficacy of Losartan and Amlodipine in Reducing Microalbuminuria in Patients with Primary Hypertension, a Randomized open Label Parallel Group Study. *Biomed Pharmacol J* 2019;12(3).
31. Amalnath A, Gowri V , Punngai K et al. Antiproliferative activity of *Vanilla* stem extract on MCF-7 breast cancer cell line. *Drug Invention Today* 2020; 13(6), 855-859
32. Karthiga Muralidharan, Punngai Kumaravelu, Darling Chellathai David. Cytotoxic effect of Ethanolic extracts of *Andrographis echioides* in human colon cancer cell Lines Via Apoptosis. *Research J. Pharm. and Tech* 2020; 13(2):871- 876.
33. Anitha Elango, K. Punngai, Darling Chellathai, Arul Amutha Elizebeth. An Analysis of Antiasthmatic preparations available in Indian Market. *Research J. Pharm. and Tech* 2020; 13(2):624-626
34. Karthiga Muralidharan, Punngai Kumaravelu, Darling Chellathai  
Evaluation of Antiangiogenic and Antiproliferative Potential of Ethanolic Extracts of *Andrographis Echioides* using in vitro and in ovo assays

35. Muralidharan K, Kumaravelu P, David DC. Evaluation of antiangiogenic and antiproliferative potential of ethanolic extracts of *Andrographis echinoides* using in vitro and in ovo assays. *J Can Res Ther* 2021; 17:484-90
36. Gideon P. E, Xavier A. S, Kumaravelu P, David D. C. A Randomized Open Label Parallel Group Study to Compare the Efficacy and Safety of Topical Terbinafine and Miconazole in Patients with Tinea Corporis. *Biomed Pharmacol J* 2021;14(2).
37. Glory Josephine, K. Punnagai., Antifungal activity of *Calliandra Haematocephala* against Selected Pathogenic Fungi: An In-vitro Study. *Journal of clinical and Diagnostic Research*, Jan 2022; Vol 16(1), FC07- FC10.
38. Nandhidha R, Punnagai K. Evaluation of anti inflammatory and wound healing Potential of Sodium Glucose Co Transporter 2 (SGLT2) Inhibitors. *Research Journal of Pharmacy and Technology*. Oct-22, Vol-15; 4457-4462.
39. C.A.Amrita, Kranthi K, S.Sundar, K.Punnagai. Efficacy and Safety of Venlafaxine Versus Amitriptyline in Decreasing Severity and Frequency of Migraine Attacks: A Randomized Controlled Trial. *Biomedical & Pharmacology Journal*. Dec-22, Vol. 15(4); 2145-2156.
40. Elango Gayathri, Parvathareddy Sowmya, Kumaravelu Punnagai, Veeraraghavan Mahalakshmi. Comparative study on the efficacy and safety of bepotastine besilate versus levocetirizine in chronic spontaneous urticaria: A randomised, open-label, parallel study. *Indian Journal of Dermatology, Venereology and Leprology*. Jan-23:xxx; 001-008



### **Articles in Magazines:**

1. Excellence in Medicine - 5<sup>th</sup> Edition - World Tamil Chamber of Commerce and Global Organization of Tamil Origin (Magazine) – Drug therapy of Covid-19
2. Punngai K. SRMC Pharmvigil. “The spontaneous adverse drug reporting - Backbone of pharmacovigilance” - challenges and strategies. 1<sup>st</sup> Edition Feb 2022
3. Dr. Punngai, Dr. Kavitha, Dr.V.P. Karthik - PHARMCOM 21: Communication skills in Pharmacology - Rx Factor Newsletter - National Association of Pharmacology and Therapeutics – April 2022
4. Marine Pharmacology - Medical Excellence Awards – 2022 – July 2022
5. SRMC PHARMVIGIL Newsletter –July 2022

### **Important workshops attended and trained:**

1. good clinical practice and Advanced good clinical practice workshop at Stanley med college, Arvind eye hospitals and SRIHER
2. Revised basic faculty development workshop 2019 at SRIHER
3. CISP 1 & II - Curriculum Implementation skills Programme at SRIHER
4. Competency Medical Education course in 2020 by MEU India
5. Pharmacovigilance Workshop by IPC, Ghaziabad
6. Materiovigilance Workshop by IPC Ghasizabad
7. Moodle workshop?Elearning course at SRIHER
8. Zebra fish workshop – 2022
9. Mentoring workshop - 2020
10. Scientific writing works

### Conferences attended -

- Participated and presented poster display on “Use of Oral analgesics in Postoperative Dental Pain”
- In the 38<sup>th</sup> Annual conference of Indian pharmacological society, organized by Institute of pharmacology, Madras Medical College, Chennai. , held on 29<sup>th</sup> and 30<sup>th</sup> DEC 2005.
- Participated in the PHARMAPRAC Conference in SRMC on 10-11 November 2011 and presented a poster on the topic “Pharmacovigilance - sensitizing the health care Professionals.
- Guided II year BDS students of Sri Ramachandra Dental College, Chennai in preparing for the poster presentation on the topic, “Nanodrugs in dentistry” in the Basic Medical Sciences for Dental Students Conference held at Saveetha Dental College, Chennai on 10<sup>th</sup> December 2011.
- Participated in the SEARAME NCHPE Southeast Asian international and Indian National Conference On Health Professions Education Conference and made an oral presentation on the topic entitled, “A questionnaire based study to assess the learning styles of Medical students in various medical colleges of Tamilnadu – A multicentric study” held in PSG Institute of Medical Sciences and Research Institute, Coimbatore from 5<sup>th</sup> to 8<sup>th</sup> September 2012
- State level conference on “Challenges ahead in drug development” conducted by Saveetha Medical College Hospital, Kanchipuram on 21<sup>ST</sup> JUNE 2014
- 2<sup>nd</sup>National Conference Forum for Ethics Review Committees in india held at PSGIMSR Coimbatore-08.11.2013 & 09.11.2013
- 1<sup>st</sup> International Congress of the society for Ethnopharmacology (ICSE 2014) On 7.3.2014 at SRMC & RI and presented a poster.
- International Conference On “Pharmacogenomics, Proteomics in Drug Discovery, Development and Clinical Therapeutics (PPDDCT -2016”) at Chitkara university, Punjab India & Harvard Medical School, USA and presented a poster in April 2016.
- National Conference on “Current Perspectives in Herbal Drug Regulations Global Scenario” held at SRMC & RI in association with Society of Ethnopharmacology on 27<sup>th</sup> to 29<sup>th</sup> June, 2017.

- Mimecon – Conference on Motivation, inspiration and millennials Engagement conducted on 16<sup>th</sup> October 2017 by MEU at Mahatma Gandhi Medical College & Research Institute at Puducherry.
  - Participated at Nanodentcon held at Saveetha Dental College on February 18, 2017 and presented a poster on Nano drug discovery Nanoparticle based drug delivery system in chemotherapy for Tuberculosis – a comparative study – awarded the best e-poster.
  - Foresee – Challenges in Implementing Competency Based Curriculum for Medical Undergraduates by Medical Education Unit, SRIHER on 7<sup>th</sup> April 2018.
  - “Pharmaltex 2018” National conference on Scientific Alternatives to animal experiments 12<sup>th</sup> October 2018 and presented a poster on the topic “Evaluation of Pancreatic lipase inhibitory activity of Jalapeno Pepper fruit Extract”. Sree Balaji Medical college, Bharath University (BIHER).
  - Presented a poster on the topic “Enrich animal happiness – Enhance Research Quality” in the FIRST NATIONAL SYMPOSIUM ON ANIMAL RESEARCH AND ETHICS at PSG Institute of Medical Sciences and Research, in collaboration with Laboratory Animal Scientists' Association, Mumbai on September 12, 13<sup>th</sup> 2019.
1. Dr. Glory Josephine, Dr. Vijaybabu .K, Dr. Punnagai .K, Dr. Arul Amutha .E. Effects Of Acamprosate /Disulfiram On Serum Lipid Profile In Chronic Alcoholics. *NJBMS*, 2010, Vol 1 (3); 83-90
  2. K.Vijaybabu K.Gunasekaran, K.Punnagai. A Comparative study of diluents (crystalloid vs colloid) in acute normovolaemic haemodilution. *International Journal of Basic Medical Sciences*. 2011; vol 5: Issue 2: 64-70
  3. Karthik VP, Srinivasan V, Gowri V, Punnagai K. In-vitro free radical scavenging activity of Canthium Coramandelium extract. *World Journal of Pharmaceutical Research*. 2014 (7), Vol 3;(5),1371-6
  4. Arul Amutha Elizabeth L, Glory J, Vijaybabu K, Darling C D, Punnagai K. Short-Term Furosemide Therapy In Chronic Renal Disease; Implications Of Hypomagnesia And Potential For Improving Hyperkalaemia. *Journal of Clinical and Diagnostic research*, 2011/12; Vol 5, Issue 1

5. Pavithra Sekar, K.Punnagai et al. Evaluation of the rationality of claims made in drug promotional literature in west Chennai. *Asian J Pharm Clin Res*, Vol 8, Issue 5, 2015, 107-109. (Second Author)
- 6.
7. CA. Amirtha, Punnagai Kumaravelu, Darling Chellathai David. Evaluation of anticancer effect of DPP-4 inhibitor in colon cancer. *Journal of Clinical and Diagnostic Research*. 2015 Dec, Vol-9(12): FC14-FC16 (Second Author)
8. I. Glory Josephine, Arul Amutha Elizabeth, K. Punnagai, NS. Muthiah. Comparative study of *Vetiveria zizanioides* and *Foeniculum vulgare* extracts on behavioral despair of Wistar albino rats. *Journal of Chemical and Pharmaceutical Research*, 2015, 7(8):729-734
9. Darling Chellathai, Punnagai Gunasekaran, et al. Evaluation of Antibacterial and Antifungal activity of *Barleria Cristata*- an invitro study. *World Journal of Pharmaceutical Research*.2015, Vol 4, Issue 2, 1253-1258. (Second Author)
10. K. Punnagai, Darling Chellathai David et al. Evaluation of Antifungal Activity of Ethanolic Extract of '*Andrographis Echioides*' –an invitro study. *Int J Pharm Bio Sci* 2016 Oct; 7(4): (P) 6 – 10 (First & Corresponding Author)
11. Punnagai K et al. Evaluation of antibacterial activity of ethanolic extract of

'Andrographis Echioides' – an in vitro study. *International Journal of Phytopharmacology*. 7(4), 2016, 214-217. (First & Corresponding Author)

12. Glory Josephine I, Inbaraj SD, Kumaragurubaran K, Punngai K, Muthaiah NS. A Comparative study of anti-angiogenic activities of medicinal plants and its therapeutic potential in angiogenesis-dependent disorders. *Asian J Pharm Clin Res*, 2016; Vol 9(1): 204-7
13. Anitha E, Punngai K, et al. Evaluation of anti-diabetic effect of ethanolic extract of *Andrographis Echioides* by alpha glucosidase and alpha amylase assay. *Int J Pharm Bio Sci* 2017; 8(1): (P) 50 – 54 (Second Author)
14. I. Glory Josephine, K. Punngai, NS. Muthiah. In vitro Antibacterial Activity of Ethanolic Extract of '*Calliandra Haematocephala*' against Selected Bacterial Strains. *Biomed. & Pharmacol. J.*, 2017; Vol. 10(3), 1279-1284 (Second Author & Corresponding Author)
15. Bamathy B, Punngai k, et al. Incidence and Patterns of Acute Poisoning Cases in an Emergency Department of a Tertiary Care hospital in Chennai. *Biomed. & Pharmacol. J.*, 2017; Vol. 10(3), 1285-1291. (Second & Corresponding Author)
16. Sekar P, Punngai K, David D. C. Comparative Study of Safety and Efficacy of Gabapentin Versus Amitriptyline in Patients With Painful Diabetic Peripheral Neuropathy, A Randomized open Label Parallel Group Study. *Biomed Pharmacol J* ,2017; 10(3).
17. Gayathri E, Punngai K, et al. Evaluation of Anticancer activity of Olmesartan and Ramipril on A549 cell lines. *Biomed. & Pharmacol. J*, 2018; Vol. 11(3), p. 1351-1357. (Second & Corresponding Author)
18. Punngai K, Vijaybabu K, et al. Comparative Analysis of the anticancer activity of Angiotensin Receptor Blockers - Irbesartan and Telmisartan. *Asian J Pharm Clin Res*, Vol 11, Issue 12, 2018, 403-406 (First Author)
19. Punngai K, Glory Josephine I. Alpha-amylase and Alpha-glucosidase inhibitory effects of *Calliandra Haematocephala* and its potential role in Diabetes Mellitus. *Asian J Pharm Clin Res*, Vol 11, Issue 12, 2018, 429-432. (First Author)

20. Kaliappan V, Punngai K, et al. Antiproliferative effects of *Vanilla planifolia* leaf extract

against breast cancer MCF-7 cells. *Int J Basic Clin Pharmacol*. 2019 Jan; 8(1):51-55

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24. Josephine I. G, Punnagai K. In Vitro Cytotoxicity Activity of Ethanolic Leaf Extract of Costus Igneus Against Hepatocellular Carcinoma (HepG2) Cells. *Biomed Pharmacol J* 2019;12(2).
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29. Sowmya P, Balaji C, Elizabeth A. A, Punnagai K. Comparative Study on the Efficacy of Losartan and Amlodipine in Reducing Microalbuminuria in Patients with Primary Hypertension, a Randomized open Label Parallel Group Study. *Biomed Pharmacol J* 2019;12(3).

30. Amalnath A, Gowri V , Punnagai K et al. Antiproliferative activity of Vanilla stem extract on MCF-7 breast cancer cell line. Drug Invention Today 2020; 13(6), 855-859
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32. Anitha Elango, K. Punnagai, Darling Chellathai, Arul Amutha Elizebeth. An Analysis of Antiasthmatic preparations available in Indian Market. Research J. Pharm. and Tech 2020; 13(2):624-626
33. Karthiga Muralidharan, Punnagai Kumaravelu, Darling Chellathai  
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34. Muralidharan K, Kumaravelu P, David DC. Evaluation of antiangiogenic and antiproliferative potential of ethanolic extracts of Andrographis echiodes using in vitro and in ovo assays. J Can Res Ther 2021; 17:484-90
35. Gideon P. E, Xavier A. S, Kumaravelu P, David D. C. A Randomized Open Label Parallel Group Study to Compare the Efficacy and Safety of Topical Terbinafine and Miconazole in Patients with Tinea Corporis. Biomed Pharmacol J 2021;14(2).
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38. C.A.Amirtha, Kranthi K, S.Sundar, K.Punnagai. Efficacy and Safety of Venlafaxine Versus Amitriptyline in Decreasing Severity and Frequency of Migraine Attacks: A Randomized Controlled Trial. Biomedical & Pharmacology Journal. Dec-22, Vol. 15(4); 2145-2156.



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**Workshops/CMEs attended (**

- CISP- 1 & II
- blended learning workshop
- Research methodology for PhDs/Faculty
- scientific writing workshop
- analytical methods in drug development
- E-learning in medical education
- NTTC jipmer
- SOP writing for ethics
- cell culture workshop
- in silico drug receptor docking workshop
- protocol writing workshop
- Clinical pharmacodynamic workshop
- Study designs in clinical trials
- How to write for journal publications
- Advanced pharmacovigilance
- Pharmacovigilance workshop
- Basic faculty development workshop
- Zebra fish workshop
- Alternatives to Animal experiments
- Qualitative Research Methods
- Instrument development workshop in Research
- Softwares used in statistics and literature Review
- Pharmacoeconomics workshop
- Virtual Simulation Workshop
- Covid -19 Disease Control opportunities and challenges for Drug discovery and Development Drug Repurposing and alternative Medicine
- Clinical evaluation of vaccines - Regulatory and ethical considerations
- Grant writing Workshop

- Patient Safety Education
- A Platform for first generation entrepreneurs
- Genomics & Precision Medicine Molecular Diagnostics Innovations shaping the future of Health care
- Challenges and Strategies for Human Resources -Post Covid
- The Role of Translational Medicine in the development of Physiologically relevant disease platforms
- National Education Policy -2020 for Higher Education
- The role of Translational Medicine in the development of physiologically relevant disease platforms
- Design and Implementation of Curricular elements in Medical Education:
- Blue Printing
- Design and Implementation of Curricular elements in Medical Education : Navigation Through Electives
- Design and Implementation of Curricular elements in Medical Education : Flipped Classroom
- Research , Publication , Patent Filing
- Pandemics in the World : Lessons and future Perspectives
- 3D'S (Drug Design , Drug Development , Drug Analysis) In Pharmaceutical Research
- A Scope of Pharmacognosy : Today and Tommorrow
- Evidence Based in current clinical Practice
- Essential of Medical Writing
- Design and Interpretation of Clinical Trials
- What is the Values in P ' Values
- Role of Pharmacology in Drug Discovery
- National Level Online conference on Innovations in Pharmaceutical and Biological Sciences
- Bioethics in the COVID Pandemic
- Approach To Research
- A Bridge in Work - Life Balance for Occupational Wellness
- Unpacking Character: The Character Strengths Associated with Happiness and Life Satisfaction
- PHD Thesis Writing
- Cardiovascular & VO 2 Max Assessment
- Diabetes and Covid : What is the Link
- Ensuring Quality in HEIs
- Sustainable Development Through Green Chemistry
- Anti-Plagiarism Software II

- Virtual Workshop on Ethical issues in Biomedical Research (EBR 2020) September
- Clinical Research and Good Clinical Practice - Webinar September 2020
- Neurophysiology of Language and speech - Webinar September 2020
- The Nuances of Medical Writing and Publishing a Scientific Paper
- Role of Laboratory animals in Preclinical Studies
- Zebra Fish : An Emerging Animal Model For Biomedical Research
- International Seminar on Bioethics in the COVID Pandemic
- Obstacles and Resistance in the Pathway of an Antimicrobial Agents
- Zebrafish - A Preclinical Research Model
- Teaching and Assessing Clinical Skills
- Good Clinical Research in Human Research
- Remdesivir in the Management of Covid-19
- National Symposium” on “Mentoring in Medicine
- Vaccine Safety : Basics to Advanced Workshop On Bioavailability / Bioequivalence (BA/BE) Studies
- Recent Advances in Pharmacotherapeutics
- Qualitative research in healthcare simulation Turning your ideas into projects - SIMULCON - 2021
- Scientific Session in Second state conference of Andhra Pradesh Society - APPSCON - 2021
- How to Write a Research Protocol
- ASPIRE-2021 Annual Sri Ramachandra Pharmacology Insight and Rapid Review Course for Post Graduates Resource Person & Speakers
- National E- Workshop on Animal Handling and Experimental Pharmacology
- Adverse Event following Immunization Covid interim Report
- 12<sup>th</sup> Indian Society for Rational Pharmacotherapeutics (ISRPT) Conference
- Workshop on Basic Statistics April 2021
- Intellectual Property Rights
- Faculty Development Program (Focused Workshop)
- Artificial Intelligence powered drug discovery and Development: A New Era
- Drug targets and Newer Drugs for COVID-19
- Emotional Re –Engineering
- Recent Advances in Pharmacotherapy of Cardiovascular Disorders
- Precision in Therapeutic Decision Making - A Hepato Renal Angle
- Clinical Pharmacokinetic Concepts and Applications
- Covid 19 Vaccine: Global Perspectives
- Clinical Pharmacokinetic Concepts and Applications
- Precision In Therapeutic Decision Making - A Hepato Renal Angle

- Covid 19 Vaccine: Global Perspectives
- Antibiotic Stewardship Programme: Stop Bugs & Save Drugs
- An Overview on Endocrine Pharmacology
- One day National CME-cum Workshop and Training on New Clinical Trial Rule 2019, Good Clinical Practices and IEC
- Recent Trends in Metabolomics Analysis
- Good Clinical Practice and New Drug and Clinical Trial Rules
- Recent Advances and Application of Marine Drugs
- One day National CME /Advance Course on "Pharmacovigilance and Drug Safety
- Webinar on Awareness of Pharmacovigilance Programme of India
- National Pharmacovigilance week 2021- Patient Safety
- Application of a Peptide as the ligand for Targeting Drug Discovery
- Pharmacovigilance - A Step Towards Patient Safety
- The Research Progress of Targeted Drug Delivery Systems
- Virtual CME on Good clinical practice and new drugs and clinical trial rules
- PSYCHOPHARMACON-2021, Clinical and Pharmacological aspects of Psychoaffective disorders
- Virtual CME Workshop on Clinical Study Protocol Writing
- HYPERPIESIA 2021- An International Conference on Hypertension
- 7th Induction-cum-Training Programme on Materiovigilance Programme of India - Indian Pharmacopoeia commission , Govt.of India
- 2 Days Hands on Training on "Decoding Danio" organized by CIIC and Simbioen Lab and scientific services , Vandalur, Chennai
- National level Webinar on "Ethics - the way of life" by the University Bioethics centre SDUAHER, Kolar
- RACT - 2022 - SRM Centre for Clinical trials and research & Department of Pharmacology SRM MCH & RC in association with BIRAC & IPS, Chennai
- "Advanced Level Training in Pharmacovigilance" organized by the Regional Training Centre-Pharmacovigilance Programme of India , Madras Medical College, Chennai
- Curriculum enrichment program for Postgraduates - PREPARE by Department of Physiology SRMC &RI , SRIHER
- National Workshop on Biosimilars Development by SRM Medical college Hospital & Research Centre Kattankulathur
- Webinar on Utilization of generic Medicines in India : Where do we stand by All India Institute of Medical Sciences - Hyderabad
- National Online Workshop on Good Clinical Practice by National Association of Pharmacology and Therapeutics in Association with AIIMS Nagpur
- Webinar on Mastering the Art of Grant Writing organized by SRM Medical College

Hospital and Research Centre, Kattankulathur, Chennai

- International "Pharmacotherapeutic Walkthrough in Prime Epochs of Life" organized by Govt. Kilpauk Medical College, Chennai
- Webinar on Vaccine Safety Monitoring and Research organized by JSS Medical College, Mysuru
- 7th Induction-cum-Training Programme on Materiovigilance Programme of India - Indian Pharmacopoeia commission, Govt. of India -24.02.2022 & 25.02.2022
- 2 Days Hands on Training on "Decoding Danio" organized by CIIC and Simbioen Lab and scientific services, Vandalur, Chennai – 19.04.2022 & 20.04.2022
- National level Webinar on "Ethics - the way of life" by the University Bioethics centre SDUAHER, Kolar – 25.04.2022
- RACT - 2022 - SRM Centre for Clinical trials and research & Department of Pharmacology SRM MCH & RC in association with BIRAC & IPS – 27.04.2022
- "Advanced Level Training in Pharmacovigilance" organized by the Regional Training Centre-Pharmacovigilance Programme of India, Madras Medical College, Chennai
- National Workshop on Biosimilars Development by SRM Medical College and Hospital Kattankulathur - 02.04.2022
- Webinar on Mastering the Art of Grant Writing organized by SRM Medical College Hospital and Research Centre, Kattankulathur, Chennai – 10.06.2022
- Webinar on Vaccine Safety Monitoring and Research organized by JSS Medical College, Mysuru – 28.05.2022
- International "Pharmacotherapeutic Walkthrough in Prime Epochs of Life" organized by Govt. Kilpauk Medical College, Chennai – 24.06.2022
- Virtual International CME on Medical Education organized by Department of Physiology, SRMC & RI, SRIHER (DU) – 01.07.2022
- National Conference - MATVINS, Materiovigilance Insights organised by Medical Device Monitoring centre in collaboration with NCC- MvPI, IPC, Govt of India, Panimalar Medical College Hospital and Research Institute, Poonamalle, Chennai - 02.07.2022
- Webinar on "Community Based Medical Education for making of a Socially Responsive Health Professional" organized by University Centre for Health Professions Education, Sri Devaraj Urs Academy of Higher Education and Research – 23.07.2022
- Webinar on Mastering the Art of Grant Writing organized by SRM Medical College Hospital & Research Centre, Kattankulathur – 10.06.2022
- Webinar on Role of Artificial Intelligence in Medicine organized by Institution's Innovation council (IIC), Vinayaka Missions's Kirupananda Variyar Medical College & Hospitals, Salem – 30.07.2022
- National Intellectual Property Awareness mission organized by Intellectual Property

Office, India – 04.07.2022

- Online CME titled "Scientific Journal Publishing- Demystified organized by the Department of Pharmacology, Govt.Kilpauk Medical College, Chennai – 26.08.2022
- National Level CME on Neurophysiological Mechanism of Addiction organized by Department of Physiology, SDUMC, Kolar – 26.08.2022
- Online virtual CME “PHARMAQUEST 2022” organized by Department of Pharmacology, Vydehi Institute of Medical Sciences & Research Sciences - 02.08.2022 - 05.08.2022
- Session 2 : Methodology of Cochrane reviews and its Relevance to day to day Clinical Practice - A Cochrane Webinar Series conducted by WILEY Research Training – 21.09.2022
- National CME / Webinar on Research Methodology Organized by Research committee, Indian Menopause Society - 01.10.2022
- First Annual National conference of National association of Pharmacology and Therapeutics (NAPTICON 2022), organized by Father Muller Medical College , Mangaluru - 28.10.2022 & 29.10.2022
- East Zone Advanced Level Training Programme in Pharmacovigilance - Theme - Risk Benefit Assessment & Communication in Pharmacovigilance organized by Institute of Postgraduate Medical Education & Research , Kolkata -08.12.2022
- Advances in Pharmacogenomics in Clinical Health Care conducted by Mahatma Gandhi Medical College and Research Institute, Pondicherry - 06.12.2022
- Prefix and Suffix of Research conducted by ACS Medical College and Hospital, Chennai – 12.11.2022
- National CME / Webinar on Research Methodology organized by Research Committee Indian Menopause Committee, Indian Menopause Society – 01.10.2022
- New Research Ideas in the Pharmacological Studies with Natural Resource organized by Department of Pharmacology, Faculty of Pharmacy ,SRMC & RI , SRIHER- 24.03.2023
- 34. SIVU Webinar /Workshop Series in Medical Education Team based learning organized by Al-Sadiq International Virtual University – 24.03.2023









