

Prof. DR.PREMKUMAR.N
DEAN
KRUPANIDHI COLLEGE OF PHARMACY,
CARMELARAM POST,
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Personal Details

AGE and DATE OF BIRTH	48 yrs, 15.04.1963
SEX	MALE
RESIDENTIAL ADDRESS	# 14, R.K.Shelters, 7 th main, Kuvempu nagar, Doddakallasandra, K.P.Road, Bangalore – 560062
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EDUCATION

Doctorate of Pharmacy	Annamalai University, Annamalai Nagar
Master of Pharmacy 2001	Rajiv Gandhi University of Health Sciences Bangalore.
Bachelor of Pharmacy 1992	Govt. College of Pharmacy, Bangalore University
Bachelor of Science 1986	Islamiah College, Madras University

PROFESSIONAL EXPERIENCES

1992-1996	Lecturer	NSVKSV COLLEGE OF PHARMACY
1997-1999	Lecturer	THE OXFORD COLLEGE OF PHAMACY
2001-2002	Lecturer	THE OXFORD COLLEGE OF PHARMACY
2002-2011	Dean	KRUPANIDHI COLLEGE OF PHARMACY

TECHNICAL SKILLS

1. Evaluation and prevention of adverse effects of the current therapy in diabetes and cardiovascular disease.
 2. Isolation and quantification of chemical constituents in herbal extracts which are useful in the treatment of diabetes and its complications.
 3. Development of HPLC method for quantification of drug in rat plasma.
 4. Evaluation of isolated chemical constituents in diabetes & cardiovascular complications and elucidate the possible mode of action.
 5. Modification of animal models which mimics the human pathogenesis.
 6. Standardization of various animal models related to diabetes and cardiovascular research.
 7. Commitment to fulfil the requirements and completion of various external projects within the specified time (national & international).
 8. Ability to develop industrial – academic relationship.
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ACADEMIC PROJECTS

PROJECTS (COMPLETED)

A. UNIVERSITY PROJECTS

1. Pharmacological evaluation of antinociceptive effect of methanolic & aqueous extract of *Terminalia bellirica* fruit in diabetic neuropathic rat model.
2. Pharmacological evaluation of antinociceptive effect of extract of *Withania somnifera* root extract in diabetic neuropathic rat model.
3. Pharmacological evaluation of antinociceptive effect of various fractions of methanolic extract of *Terminalia bellirica* fruit in diabetic neuropathic rat model.
4. Pharmacological evaluation of antinociceptive effect of various fractions of aqueous extract of *Terminalia bellirica* fruit in diabetic neuropathic rat model.
5. Pharmacological evaluation of *Momordica charantia* fruit extract in diabetes induced myocardial infarction.

B. EXTERNAL PROJECT

National

1. Synthesis and Biological activities of New fluorinated Coumarins and 1-aza coumarins. (-)

International (USA)

1. Synthesis and Biological activities of some new 2-Cyano and 2-Acetyl-3-[4-(6-2-oxo-1, 2-dihydroquinoline-4-yl-methoxy)-phenyl]-acrylic acid ethyl esters of carbostyryl

PROJECTS (ONGOING).

University projects

1. Pharmacodynamic interaction of Fenugreek seed extract with statin in diabetes induced vascular dysfunction.
2. Combined effect of *Trigonella foenum graecum* seed extract with oral hypoglycemics in diabetic neuropathic pain.
3. Pharmacodynamic interaction of polyphenolic rich extract of Fenugreek seed with oral hypoglycaemic agents in diabetes induced gastropathy.
4. Pharmacodynamic interaction of *Trigonella foenum graecum* seed extract with statin's in diabetes induced myocardial infarction.
5. Interactive study of *Trigonella goenum graccum* seed extract with oral hypoglycaemic agents in diabetes induced nephropathy.

International project (USA): Various biological effect of Dihydropyrimidin-2(1*H*)-thiones (synthetic compound).

ACHIEVEMENTS

1. **Developed a new method to estimate cyclosporine-A in rat plasma at ambient temperature.**
2. **Modified the existing model of type II diabetic model in order to mimic the human pathological evidence of type II diabetes.**

ARTICLE PUBLISHED: National and international articles have been published.

RESEARCH PUBLICATIONS

1. K. V. ANANTH, M. ASAD, **N. PREM KUMAR**, S. M. B. ASDAQ* AND G. S. RAO. Evaluation of Wound Healing Potential of *Bauhinia purpurea* Leaf Extracts in Rats, Indian Journal of Pharmaceutical Sciences, 2010;72 (1):112-127
 2. **N.Prem kumar**, AR.Annamalai & RS.Thakur, Antiulcer activity of flavonoid rich extract of *Emblica officinalis* Gaertn (Amla) fruits in diabetic Rats. (In Press)
 3. **Prem kumar Nanjundan**, Annamalai Arunachalam and Ram Sharnagat Thakur Antinociceptive property of *TRIGONELLA FOENUM GRAECUM* (FENUGREEK SEEDS) in high fat diet-fed/low dose streptozotocin induced diabetic neuropathy in rats.
 4. **N.Prem kumar**, AR.Annamalai & RS.Thakur, Antinociceptive property of *Emblica officinalis* Gaertn (*Amla*) in high fat diet- fed/low dose streptozotocin induced diabetic neuropathy in rats. (In Press)
 5. S.M.B.Asdaq, M.N.Inamdar, M.Asad, **P.K.Nanjundan**, Interaction of propranolol with garlic in isoproterenol induced myocardial infarction in rats, Journal of Pharmacology & Toxicology 2008;3(6):414-424.
 6. **Prem N.kumar**, Annamalai AR & Thakur RS , Quercetin attenuates altered colonic contractility and intestinal transit in HFD-fed / STZ-treated type 2 diabetic rats, Pharmacology Online, 2009;1:2011
 7. Rajesh.G.Kalkhambkar, Geeta.M.Kulkarni, Chandrappa.M.Kamanavalli **N.Premkumar**, Asdaq.S.M.B and Chung Ming Sun., Synthesis and Biological activities of New fluorinated Coumarins and 1-aza coumarins, European Journal of Medicinal Chemistry
 8. **N.Prem kumar**, M.N.Inamdar & B.V.Venkataraman, Comparative interaction of few antihypertensive drugs with Cyclosporin-A in rats, Indian Journal of Experimental Biology 2007;45:638-641.
 9. **Prem kumar N**, Inamdar M N & Pai P N S, RP Liquid chromatographic determination of cyclosporine – A in blood plasma, Indian Drugs 2004;41:104.
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CONFERENCES: Presented poster & oral presentation at various national and international conferences.

AREA OF INTEREST

Development of prediabetic animal models which mimic human diabetes and an attempt will be made to prevent (naturopathy) the occurrence of diabetes and its complications.

ADDITIONAL EXPERIENCES

1. Teacher in-charge (III B.PHARM)
 2. Chairmen – Hospitality committee
 3. Chairmen - Internal examination at college level.
 4. Member of institutional ethical Committee.
 5. Member of APTI.
 6. Incharge of Animal House (Krupanidhi College of Pharmacy)
 7. Incharge of Pharm D programme.
 8. Member of the CORE COMMITTEE (Value added courses)
 9. Member of Local Inspection Committee of Rajiv Gandhi University of Health Sciences, Karnataka.
 10. Question paper setter for B.Pharm examinations, Rajiv Gandhi University of Health Sciences, Karnataka.
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REVIEWER

1. Journal of Pharmaceutical Research, **India**
2. Indian Journal of Experimental Biology, **India**

CO-EDITOR (International)

The Journal of Basic and Clinical Pharmacy, **Saudi Arabia**