

## Faculty Profile

Name		A.Ruckmani		
Designation		Professor & Head		
Qualification		MD, DD		
Joining date		10.07.2006		
IMR Details		30221 dt 21.01.1978		
Areas of Research Interest		Renal failure, Rheumatoid arthritis, Fruit wastes, toxicology, Cancer		
Research Projects				
ICMR – STS				
S.No	Name of the Student (Batch)	ICMR STS No.	Title of the Project	Year of Sanction
1	Ms. Nithya lakshmi. Goudam	2012-00291	Anticancer activity of Griseofulvin <i>in-vitro</i> and <i>in-vivo</i> study	ICMR STS - 2012
2	Ms. K. Kavipriya	2010-02140	Effect of Honey on lipid profile & blood glucose	ICMR STS - 2010
Publications				
			International : 27 National; 14	
Member of Academic & Administrative committees of CARE				
S.No	Name of the Committee/Board		Role	
1.	Institutional Animal Ethics Committee-Chettinad Hospital & Research Institute		Chair person -2017-2022	
2	Institutional Animal Ethics Committee – Chettinad Hospital & Research Institute		Member secretary –2006 – 2017	
3	Institutional Human Ethics Committee – Chettinad Hospital & Research Institute –		Member Secretary -2006 – 2015	
4	Institutional Review Board - Chettinad Hospital & Research Institute		Member- 2015 till date	
5	Academic Council - Chettinad Hospital & Research Institute		Member- 2006 till date	
6	Board of studies- UG, PG, Allied Health Sciences - Chettinad Hospital & Research Institute		Member- 2006 till date	

## Publications

### International journals

1. Mali Kalpana Ramanna, **Ruckmani A**, Siddharam S Janti, Madhavi Eerike, R Lakshmipathy Prabu. Burden of therapy in patients suffering from diabetes mellitus and hypertension. *Int J Pharm Sci.* 2017; 9(5): 210-215.
2. Madhavi Eerike, Venu Gopala Rao Konda, Ruckmani Arunachalam, Umar Dawood, Evaluation of antiepileptic activity of ethanolic extract of *Azima tetracantha* root in mice. *International Journal of Current Pharmaceutical Research.* 2016; 8(4):76-79.
3. Chokkalingam.M, Saradha.S, Pradeep G Nayar, **Ruckmani.A**. Assessment of oral anticoagulation knowledge among rural Indian population. *World Journal of Pharmaceutical Research.* 2016; 5(3):1053-59.
4. Seshathri E, **Ruckmani A**, Malligai E, Lakshmipathy Prabhu R, Maignanakumar R. Assessment of Vitamin D Status In Different Working Groups & The Role Of Vitamin D Supplementation- A Pilot Study. *European Journal of Biomedical and Pharmaceutical Sciences.* 2016; 3(3):305-309.
5. Venu Gopala Rao Konda, **Ruckmani A**, Madhavi Eerike, Ramesh Rao K, Arunkumar R, Lakshmipathy Prabhu R, Vinayak Meti, Sobita Devi. Nephroprotective effect of ethanolic extract of *Azima tetracantha* root in glycerol induced acute renal failure in Wistar albino rats. *Journal of Traditional and Complimentary Medicine.* 2016; 6(4):347-54.
6. Duraivel M, Arunkumar R, **Ruckmani A**, Arunkumar G, Sreekanth M.S, Bhanu K, Thamilpavai N, Fatima Farzana K. Study to assess the prevalence of human leukocyte antigen-A\*3101 allele among Indian epileptic patients and its influence on safety and efficacy of antiepileptic therapy. *Int J Basic Clin Pharmacol.* 2015; 4(2): 254-259
7. Fatima Farzana K, Abubacker Sulaiman F, **Ruckmani A**, Vijayalakshmi K, Karunya Lakshmi G, Shri Ranjini S, Duraivel M. Effects of Flax Seeds Supplementation in Poly Cystic Ovarian Syndrome. *Int. J. Pharm. Sci. Rev. Res.,* 2015; 31(1): 113-119
8. **Ruckmani. A**, Vinayak Meti, Kavitha K. N. Anxiolytic and anti depressant activity of *Areca catechu* linn. in mice. *World Journal of Pharmaceutical research.* 2014; 3(10): 1367-1376
9. Arunkumar R, **Ruckmani A**, Lakshmipathy Prabhu R, Pradeep G Nayar, Chokkalingam M, Rajasekaran D, Arjun Arumugam O. Bioequivalence study of Dofetilide in healthy human Volunteers under fasting and fed conditions. *World Journal of Pharmaceutical Research.* 2014; 3(8):511.
10. Madhavi Eerike, **Ruckmani A**, Venkata Ramana Y, Venu Gopala Rao K, Prasanth chary R. Evaluation of hypolipidemic activity of ethanolic and aqueous extracts of *Fragaria vesca* in high fat diet induced hyperlipidemia in rats. *International Journal of Pharmaceutical Sciences Review and Research.* 2014; 28(2): 191-196

11. Saradha S, **Ruckmani A**, Chokkalingam M, Maignanakumar R, Arunkumar R, Madhavi E, Lakshmipathy Prabhu R, Hypoglycemic activity of aqueous and ethanolic extracts of *Manilkara zapota* seeds in streptozotocin induced diabetic rats. International Journal of Pharmacy & Pharmaceutical Sciences. 2014; 6(2): 434-437.
12. Maignanakumar R, **Ruckmani A**, Saradha S, Arunkumar R, Lakshmipathy prabhu R, Madhavi E, Duraivel M, Evaluation of antiepileptic activity of *Vetiveria zizanioides* oil in mice. International Journal of Pharmaceutical Sciences Review and Research. 2014; 25(2): 248-251
13. **Ruckmani A**, Arunkumar R, Lakshmipathy Prabhu R, Ramya N, Maignana Kumar R, Informal dialogue with prospective volunteers: A tool to improve subject recruitment in clinical trials. Asian J Pharm Clin Res. 2014; 7(2):31-33.
14. Arunkumar R, Vinayak Meti, **Ruckmani A**, Devi S. Effect of vitamin D on atorvastatin induced blood sugar changes in Wistar albino rats. Int J Basic Clin Pharmacol. 2014; 3(2): 359-364
15. Rajeswaramma G, Madhavi E, venugopala Rao Konda, **Ruckmani.A**, Gajendra Naidu. J. Comparative study of Nifedipine and Labetalol in mild to moderate pregnancy induced hypertension.. The Journal of Obstetrics & Gynecology and Reproductive Biology, Photon. 2013;175-181.
16. Venu Gopala Rao konda, Madhavi.E, **Ruckmani.A**,Venkata Raman.Y.A review on Medicinal plants with potential hypolipidemic activity. Int J Pharm Bio Sci. 2013;4(4):729-740.
17. Arun Kumar R, **Ruckmani A**, Hariharan K, Lakshmipathy Prabhu R, Priya A. Reasons For Participation And Problems Encountered By Healthy Volunteers In Bioavailability/ Bioequivalence Studies. International Journal of Pharmaceutical Sciences and Research. 2013; 4(5): 1950-1955.
18. Arunkumar R, **Ruckmani R**, Manoranjani A, Lakshmipathy Prabhu R, Priya A. Knowledge of Informed Consent among Healthy Volunteers Participating In Bioavailability/ Bioequivalence (BA/BE) Studies. Research and Reviews: Journal of Medical and Health Sciences. 2013; Vol 2 (1): 21-26
19. Madhavi E, Venugopala Rao Konda, Rajeswaramma G., **Ruckmani A**., Lakshmipathy Prabhu R., Maignana Kumar R., Saradha S. Evaluation of analgesic activity of ethanolic extract of *Aconitum heterophyllum* in swiss albino mice. International journal of Pharmacy, Photon. 2013: 266-270
20. **Ruckmani A**, Vishaly S, ArunKumar R, Lakshmipathy Prabhu R and Priya A. Assessment of Barriers in Subject Recruitment for Clinical Trials. OMICS journal of clinical research & Bioethics. 2012; 3(1): 1-3
21. Lakshmipathy Prabhu R, **Ruckmani A**, Venkatesan D, Madhusudhanan N, Pavithra R. Anxiolytic effect of homeopathic preparation of *Pulsatilla nigricans* in Swiss albino mice. Elsevier's British journal of Homeopathy. 2012;101(3):171-4.

22. Mathangi D C, Shyamala R, Vijayashree R, Rao K R, **Ruckmani A**, Vijayaraghavan R, Bhattacharya R. Effect of alpha-ketoglutarate on neurobehavioral, neurochemical and oxidative changes caused by sub-chronic cyanide poisoning in rats. *Neurochem Res.* 2011; 36(3):540-8.
23. **Ruckmani A**, Pradeep G Nair, Venu Gopala Rao Konda, Madhusudhanan N, Madhavi E, Chokkalingam M, Vinayak Meti, Sundaravalli S. Effect of inhalational exposure of malathion on blood glucose in wistar albino rats. *Journal of Environmental Toxicology & Pharmacology.* 2011; 5(5): 309-315
24. Chandrashekar K, **Ruckmani A**, Saritha M K, Vinayak Meti. The influence of Eucalyptus oil and Aloe vera gel on cutaneous wound healing in albino male wistar rats. An experimental study. *Pharmacology online Newsletter.* 2012; 1: 8-11.
25. Vinayak Meti, **Ruckmani A**, Chandrashekar K, Venu Gopala Rao Konda, Madhavi E, Swati B, Madhusudhanan N. Antidepressant activity of ethanolic extract of *Piper betle* leaves in mice. *Current Research in Neuroscience.* 2012; 2: 11-16
26. Latha K, Ruckmani A. The effect of Verapamil in Malaria—A Prospective Randomized Double Blind Control Clinical Study. *J Clin Diagnostic Res.* 2010; 4(4): 2707-13.
27. Suresh S, Kumaraswami V, Suresh I, Rajesh K, Suguna G, Vijayasekaran V, Ruckmani A, Rajamanickam MG. Ultrasonographic diagnosis of subclinical filariasis. *Journal of ultrasound in medicine.* 1997;16(1):45-9.

#### **National journals**

28. Saradha S, **Ruckmani A**, Arunkumar R. Current trends in the pharmacotherapy of vertigo. *Chettinad Healthcity medical journal.* 2016; 4(4):171-174.
29. **Ruckmani A**, Arun Kumar R, Vinayak Meti. Non Microbial Drug Resistance. *Chettinad Health City Medical Journal.* 2013; 2(3):85-87.
30. **Ruckmani A**. Drug interaction - Cardiovascular drugs. *Chettinad Health city Medical journal.* 2012; 1(2): 48- 51
31. Chandrasekar K, **Ruckmani A**, Sarika K, Vinayak Meti. Effect Of 0.2% GTN ointment on wound healing in streptozocin induced diabetes rats- An experimental study. *Asian J Med Cli Sci.* 2012; 1(2): 86-88
32. Madhusudhanan N, **Ruckmani A**, Gowtham kumar S, Ramakrishnan V, Balasubramanian MP, Venu Gopala Rao Konda, Madhavi Eerike. *In vitro* cytotoxic activity of berberine on human lung carcinoma cell line A549. *Journal of Pharmacy Research.* 2011; 4 (12): 4504-06
33. **Ruckmani A**. The role of pharmacologists: Present and future. *Indian journal of pharmacology.* 2006; 38(2):145.

34. Latha K, **Ruckmani A.** Study of the hypnotic effect of conventional and non sedating antihistamines. Indian journal of pharmacology. 2005; 37; S67.
35. **Ruckmani A.** Rational drug use: A remote possibility?. Bulletin on Drug & Health information. 1995; 2(1): 20.
36. **Ruckmani A.** AIDS: A plaguing poser; Value Education Today: Exploration in social Ethics. Eds J.T.K. Daniel, Nirmal selvamony, Madras: Madras Christian Collage, New Delhi; AIACHE, 1990, 204- 214.

#### **Conference proceedings:**

37. **Ruckmani A,** Geetha Lakshmi G, Madhavi Eerike. Current scenario of cancer clinical trials in India. 9th Indo Global Summit on Cancer Therapy. 2015; Scientific Tracks Abstracts: J Cancer Sci Ther. DOI: 10.4172/1948-5956.C1.054
38. **Dr.A.Ruckmani,** Dr R Arunkumar. Prohibited substances in sports: How do they help? Proceedings of the Doping in sports – Invigoration, Prerequisites and misapprehensions, Trichy, 28<sup>th</sup> July 2012.. ISBN 9788190918961. P 5-10
39. Dr R Arunkumar, **Dr.A.Ruckmani,** Dr.R Maignanakumar, Dr Asha P Dass. Gene doping - A review. Proceedings of the Doping in sports – Invigoration, Prerequisites and misapprehensions, Trichy, 28<sup>th</sup> July 2012.. ISBN 9788190918961. P 11-17
40. Lakshmi pathy prabhu.R, **Ruckmani.A,** Madhavi.E. Homeopathic treatment of sports injuries. Proceedings of the Doping in sports – Invigoration, Prerequisites and misapprehensions, Trichy, 28<sup>th</sup> July 2012. ISBN 9788190918961.p 18 – 22
41. Chandrasekar.K, **Ruckmani.A.** Doping agents: Are they safe? To what extent? Proceedings of the Doping in sports – Invigoration, Prerequisites and misapprehensions, Trichy, 28<sup>th</sup> July 2012. ISBN 9788190918961.p 23 – 27