

NATIONAL COLLABORATIONS

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
1.	Effect of Homoeopathic drugs used in Insomnia on Serum Melatonin and Cortisol level in health volunteer.	Jawahar Lal Institute of Post-Graduate Medical Education & Research (JIPMER), Puducherry	Nov 2005 – Nov 2008	Effect of Homoeopathic drugs used in Insomnia on Serum Melatonin and Cortisol level in health volunteers	Indian Journal of Research in Homoeopathy 2010; 4(1):47-55 Link
2.	Investigation into the action of Homoeopathic potencies on Autonomous nervous system and variability in physiological parameter using indigenous Impedance Plethosmography (IPG), Vasomon / Medical analyzer (MA) and Anu Photo-rheography on healthy human subjects.	Bhabha Atomic Research Centre, Trombay	Nov 2005 – Jan 2009	An Exploratory Study on Scientific Investigations in Homeopathy Using Medical Analyzer.	The Journal of Alternative and Complementary Medicine 2011; 17(8): 705-710. Link
3.	Studies on Homoeopathic medicine for the treatment of Cerebral Ischemia.	Jamia Hamdard, New Delhi	Dec 2005 – Nov 2009	Protective role of homoeopathic medicines on cerebral ischaemia in animals	Indian Journal of Research in Homoeopathy 2014; 8(4):209-217 Link

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4.	Effect of Homoeopathic drugs on Central nervous System and their safety evaluation.	Osmania University, Hyderabad.	Apr 2006 – Apr 2007	<ul style="list-style-type: none"> • A preliminary study to evaluate analgesics and behavioural activities of the homoeopathic drug Anagalis arvensis in rats. • Preliminary studies on analgesic and behavioural activities of the homoeopathic formulations of Chenopodium m brosioides in experimental animal models. • An investigation to evaluate the analgesic and central nervous system 	<p>Indian Journal of Research in Homoeopathy 2010; 4(2):41-48. Link</p> <p>Indian Journal of Research in Homoeopathy 2010; 4(3):44-50. Link</p> <p>Indian Journal of Research in Homoeopathy 2015;9(1): 12-19 Link</p>

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				depressant activities of Solanum nigrum (Linn.) as Homoeopathic potencies in experimental animal models • Evaluation of Lycopodium clavatum for its neuropharmacological activities in experimental animals.	Indian Journal of Research in Homoeopathy 2013; 7(4):168-75. Link
5.	Efficacy & safety evaluation of Homoeopathic drugs in experimental study - Endocrinological study	Osmania University, Hyderabad.	Apr 2006 - Apr 2007	• Biochemical and haematological evaluation of different potencies of homoeopathic drug <i>Ricinus communis</i> . • Indigofera tinctoria: an experimental study evaluating	Indian Journal of Research in Homoeopathy 2009; 3 (1):6-17. Link Indian Journal of Research in

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				its analgesic and behavioural activities in animals.	Homoeopathy 2012; 6(1 & 2) Link
6.	To evolve a group of most efficacious Homoeopathic Medicines in Benign Prostatic Hyperplasia with regard to improvement in the symptom complex	Homoeopathic Research Foundation, (HRF) Lucknow	July 2006 – Nov 2009	Evidence based clinical study to assess the usefulness of homoeopathic medicines in patients of benign prostatic hyperplasia.	Indian Journal of Research in Homoeopathy 2010; 4(4):49-65 Link
7.	Effect of Homoeopathic Medicine on Japanese Encephalitis Virus infection on chorio-allantoic membrane (CAM) & suckling mice.	School of Tropical Medicine, Kolkata	Apr 2007 – Sept 2010	• Decreased intensity of Japanese encephalitis virus infection in chick chorioallantoic membrane under influence of ultradiluted Belladonna extract	American Journal of Infectious Diseases 2010; 6 (2): 24-28 Link

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				• Suckling mice of "Belladonna 200" fed mothers evade virulent Nakayama strain Japanese encephalitis virus infection	International Journal of Microbiological Research 2 (3): 252-257, 2011. Link
8.	To evaluate the biological activity of five coded Homoeopathic drugs on plants using Bacopa Test as model system.	Central Institute of Medicinal and Aromatic Plants, Lucknow	Apr 2007 – Sept 2010	Dose-dependent effect of homoeopathic drug Zinc sulphate on plant growth using Bacopa monnieri as model system.	Indian Journal of Research in Homoeopathy 2014; 8 (1):19-23. Link
9.	A structural study of homoeopathic medicine; A pilot study	IIT, New Delhi	Jun 2008 – Mar 2010	Homeopathy emerging as nanomedicine	International Journal of High Dilution Research 2011; 10(37): 299-310. Link
10.	Anti-viral activity (therapeutic efficacy) of Homoeopathic medicine in Avian influenza in animal model.	High Security Animal Diseases Laboratory, Bhopal,	Jul 2008 – Sept 2010	Under review	

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		Madhya Pradesh			
11.	Role of homoeopathic medicines in cancer regression and rejuvenation of depressed immune system	Bose Institute, Kolkata	July 2008 - June 2011	Calcareo carbonica induces apoptosis in cancer cells in p53-dependent manner via an immuno-modulatory circuit	BMC Complementary and Alternative Medicine 2013, 13:230 Link
12.	A multicentric open clinical study to evaluate the efficacy of indicated Homoeopathic medicines. I) In the management of lapse of alcohol and opioid drug addictions II) in the management symptoms of withdrawal symptoms of alcohol and opioid drug addiction and III) in the prevention of relapse of alcohol and Opioid drug abuse & Masses.	Society for promotion of Youth & Masses, New Delhi and Darjeeling	Sept 2008 - Aug 2011	Managing Acute Alcohol Withdrawal with Homoeopathy: A Prospective, Observational, Multicentre Exploratory Study.	Indian Journal of Research in Homoeopathy 2014;8: 224-230 Link

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13.	Studies on anti-diabetic properties of Homoeopathic preparation of Syzgium jambolanum and Cephalandra-indica	Dr. ALMPGIBMS, University of Madras.	Feb 2010 – Apr 2012	Effects of homeopathic preparations of Syzygium jambolanum and Cephalandra indica on liver of high fat and high fructose-induced type-2 diabetic rats	Homeopathy (2013) 102, 160-171 Link
14.	Protective role of Homoeopathic preparation of Berberis vulgaris to alleviate kidney stone disease and its influence on molecular events leading to Calcium oxalate crystal deposition.	Dr. ALMPGIBMS, University of Madras.	Feb 2010 – Apr 2012	<ul style="list-style-type: none"> • Preliminary investigation on ultra-diluted B. vulgaris in experimental urolithiasis • Propitious antioxidative role of the homeopathic preparation of Berberis vulgaris in alleviating oxidative stress 	Homeopathy (2013) 102, 172-178 Link Forsch Komplementmed 2014;21:7-12 Link

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				<p>in experimental urolithiasis</p> <ul style="list-style-type: none"> • Homoeopathic preparation of Berberis vulgaris as an inhibitor of Calcium oxalate crystallization: An in vitro evidence 	<p>Indian Journal of Research in Homoeopathy 2015,9: 3: 152-157 Link</p>
15.	Changes in Electro-Physiological markers in muscle fatigue with homoeopathic preparation of Arnica montana – A comprehensive study.	IIT,/AIIMS New Delhi.	Feb 2011 – Oct 2012	-	Data analysis of study in under progress.
16.	Pharmacological evaluation of homoeopathic medicines.	CDRI, Lucknow. UP	Feb 2011 – Feb 2013	Effect of homeopathic Lycopodium clavatum on memory functions and cerebral blood flow in memory-impaired rats	Homeopathy (2014) ; 1-5 Link

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17.	Safety and efficacy studies of Homoeopathic drugs	All India Institute of Medical Sciences, New Delhi	March/ June 2012 – May 2013	<ul style="list-style-type: none"> • Evaluation of safety profile of homoeopathic mother tinctures. • Role of homeopathic mother tinctures in rheumatoid arthritis: An experimental study 	<p>Indian Journal of Research in Homoeopathy 2015;9: 42-48 Link</p> <p>Indian Journal of Research in Homoeopathy 2014;8:81-6 Link</p>
18.	Preliminary pharmacological studies of Homoeopathic drugs	All India Institute of Medical Sciences, New Delhi	March/ June 2012 – May 2013	-	Data analysis of study in under progress.
19.	Extension of study "Role of homoeopathic medicines in cancer regression and rejuvenation of depressed immune system: a mechanism study" – <u>Extension study</u>	Bose Institute, Kolkata	March/ June 2012 – July 2013	• Sulphur alters NFκB-p300 cross-talk in favour of p53-p300 to induce apoptosis in non-small cell lung carcinoma.	International Journal of Oncology 2015; 47(2):573-82. Link

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				<ul style="list-style-type: none"> Contribution of ROS-p53 feedback loop in thuja-induced apoptosis of mammary epithelial carcinoma cells. 	<p>Oncol Rep. 2014 Jan 24. doi: 10.3892/or.2014.2993. Link</p>
20.	Efficacy of Homoeopathic Therapy on duration of labour.	Sri Aurbindo Institute of Integral Health and Research, Cuttack	Oct 2012 – Sept 2013	-	Data analysis of study in under progress.
21.	To evaluate certain homoeopathic medicines for their immuno-modulatory and antioxidant potential	Indian Veterinary Research Institute, Izatnagar, UP	April 2009 – May 2014	-	Data analysis of study in under progress.
22.	A multicenter study on action of homoeopathic medicines and potencies on heart rate variability (HRV) and blood flow variability (BFV) with medical Analyzer System	Dr A.C Hom. Med. College, Bhubaneswar, DPRU of PURI, RRI(H), Mumbai, (Bhabha Atomic	April 2009 – May 2014	-	Data analysis of study in under progress.

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		Research Center)			
23.	In vitro studies of some Homoeopathic medicines on the proliferation and differentiation of neural stem cell (<i>Avena sativa</i> , <i>Caust</i> , <i>Phos.</i> and <i>Zinc.</i>)	School of Biotechnology, West Bengal University of Technology, West Bengal	March 2012- May 2015	-	Data analysis of study in under progress.
24.	Physico-chemical studies of various homoeopathic drug formulations using volumetric, acoustic, viscometric, optical and conductivity measurements – Pilot study	Dayal Singh College, University of Delhi, New Delhi	May 2014 – Jan 2015	<ul style="list-style-type: none"> • Physicochemical studies of extremely diluted solutions (homoeopathic formulations) of sulphur in ethanol by using volumetric, acoustic, viscometric and refractive index measurements at different temperatures. • Physicochemical studies of homoeopathic formulations 	<p>Journal of Molecular Liquids 211 (2015) 1082–1094 Link</p> <p>Journal of Molecular Liquids 215 (2016) 680–690 Link</p>

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				(extremely diluted solutions) of acidum salicylicum in ethanol by using volumetric, acoustic, viscometric and refractive index measurements at 298.15, 308.15 and 318.15 K	

