

Ongoing collaborative studies

S.No.	Title of the study	Collaborating Institute	Initiated	Summary/Remarks/ Publications
1.	Elucidation of molecular mechanism of action of Belladonna - Calcarea Carbonica – Tuberculinum Bovinum (BCT) during Japanese Encephalitis Infection.	Centre for Cellular and Molecular Biology, Hyderabad	March 2015	Administrative approval has been given to initiate the study.
2.	Understanding the Mechanism of action of homoeopathic medicine at molecular level in nano domains in-vivo and in-vitro systems.	Centre for Interdisciplinary research and education, West Bengal	March 2015	<p>Administrative approval has been given to initiate the study.</p> <ul style="list-style-type: none"> • Enhanced dielectric properties and conductivity of triturated copper and cobalt nanoparticles-doped PVDF-HFP film and their possible use in electronic industry. Link • Effect of ultrahigh diluted homeopathic medicines on the electrical properties of PVDF-HFP. Link • Significant enhancement of dielectric and conducting properties of electroactive polymer polyvinylidene fluoride films: An innovative use of Ferrum metallicum at different concentrations. Link • Derivation of an empirical relation between the size of the nanoparticle and the potency of homeopathic medicines. Link

				<ul style="list-style-type: none"> • Characterization and haemocompatibility of Aurum metallicum for its potential therapeutic application. Link
3.	Efficacy of the Homoeopathic preparation of Berberis vulgaris to alleviate acute oxalate toxicity: An insight into lithogenic events with special reference to crystallization and inflammation.	Dr. ALMPGIBMS, University of Madras.	March 2015	Administrative approval has been given to initiate the study.
4.	Effects of Potentized Homoeopathic medicines in Agriculture (Agro-Homoeopathy): An eco-friendly alternative solution for synthetic fertilizers and pesticides.	Agro- Institute of Minerals and Materials Technology, Odisha	May 2015	Administrative approval has been given to initiate the study.
5.	Follow up cross sectional study of Subclinical Hypothyroidism children post three years of treatment	SCH, Dr. B. R. Sur Homoeopathic Medical college & Hospital	June 2015	Administrative approval has been given to initiate the study.
6.	A randomized double blind placebo controlled multicentric trial on the efficacy of homoeopathic medicine on sub-clinical hypothyroidism (RCT)	SCH, Dr. B. R. Sur Homoeopathic Medical college & Hospital	June 2015	Administrative approval has been given to initiate the study.
7.	Evaluation of anti-fungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Candida albicans" using in-vitro assays.	Central Research Institute (H), Noida	December 2013	Administrative approval has been given to initiate the study.
8.	Evaluation of anti-fungal activity of certain Homoeopathic medicines on	Central Research Institute (H), Noida	December 2013	Administrative approval has been given to initiate the study.

	growth of human pathogenic fungi "Aspergillus niger" using in-vitro assays			
9.	Evaluation of anti-fungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Microsporum canis" using in-vitro assays	Central Research Institute (H), Noida	December 2013	Administrative approval has been given to initiate the study.
10.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Escherichia coli in-vitro models	Central Research Institute (H), Noida	March 2014	Administrative approval has been given to initiate the study.
11.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Klebsiella pneumonia in-vitro models	Central Research Institute (H), Noida	March 2014	Administrative approval has been given to initiate the study.
12.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Proteus mirabilis in-vitro models	Central Research Institute (H), Noida	March 2014	Administrative approval has been given to initiate the study.
13.	Effect of homoeopathic medicines on dengue virus infection on mosquito cell line and in suckling mice	Dr. Anjali Chatterji Regional Research Institute for. Homoeopathy, Kolkata	January 2015	Administrative approval has been given to initiate the study.
14.	Estimation of viral load and immune response in JE virus infected adult and suckling mice treated with Belladonna	Dr. Anjali Chatterji Regional Research Institute for. Homoeopathy, Kolkata	January 2015	Administrative approval has been given to initiate the study.

15.	To study the effect of homoeopathic preparations of Eupatorium perfoliatum on Dengue virus infectivity in Aedes albopictus midgut cell line	Dr. Anjali Chatterjee Regional Research Institute for Homoeopathy, Kolkata	December 2015	Administrative approval has been given to initiate the study.
16.	Safety studies and pharmacological screening of homoeopathic drugs-dengue nosodes developed from dengue virus	All India Institute of Medical Sciences, New Delhi	May 2016	Administrative approval has been given to initiate the study.
17.	Evaluation of antimalarial efficacy of some homeopathic drugs against Plasmodium falciparum in vitro and against Plasmodium berghei in vivo	Department of Zoology, Panjab University, Chandigarh	September, 2016	Administrative approval has been given to initiate the study.
18.	To evaluate the anti-leishmanial potential of some homoeopathic drugs in experimental visceral leishmaniasis	Department of Zoology, Panjab University, Chandigarh	September, 2016	Administrative approval has been given to initiate the study.
19.	Physicochemical studies of homoeopathic drug formulations by using volumetric, acoustic, viscometric, optical and conductometric measurements	Dyal Singh College, Delhi University	April, 2017	Administrative approval has been given to initiate the study.
20.	Pharmacological screening of Homoeopathic drugs used in Rheumatoid Arthritis	All India Institute of Medical Sciences, New Delhi	February 2017	Administrative approval has been given to initiate the study.
21.	In Vitro Approaches to Investigate the Efficacy and Mechanism of Action of Homeopathic Medicines against Hormone Dependent and Independent Breast and Prostate Cancer	Amity University, Noida	May 2017	Administrative approval has been given to initiate the study.
22.	Prophylactic effect of Homeopathic anti-malaria drugs on malaria – A prevention effectiveness study in Odisha	PHFI-Indian Institute for Public Health, Bhubaneswar	May 2017	Administrative approval has been given to initiate the study.

23.	Preparation of NOSODE from Escherichia coli and Vibrio cholera: their preclinical effectiveness and safety evaluation	National Institute of Cholera and Enteric Diseases, Kolkata	Sept 2017	Administrative approval has been given to initiate the study.
24.	Preparation of NOSODE from Rotavirus: their preclinical effectiveness and safety evaluation	National Institute of Traditional Medicine, Belagavi	To be initiated	Signing of MoU is under process
25.	Preparation and evaluation of Dengue Nosode: its efficacy and safety	National Institute of Traditional Medicine, Belagavi	To be initiated	Signing of MoU is under process