



MYTHREYA HERBAL RESEARCH INSTITUTE

Bridging Herbal Wisdom and Scientific Rigor

Service Capability Document

About Mythreya Herbal Research Institute



Mythreya Herbal Research Institute (MHRI) is driven by a deep-rooted passion for medicinal plants and natural health solutions. MHRI specializes in the scientific assessment of herbal ingredients and products focusing on their health benefits, quality, and safety. Muruganantham, the founder of MHRI brings over a decade of experience in medicinal plant research, international regulatory affairs including expertise in dietary supplements for the U.S. market.

MHRI is committed to supporting evidence-based herbal product development and ensuring regulatory compliance. MHRI helps businesses and researchers navigate the complex world of herbal health products with confidence and scientific rigor.

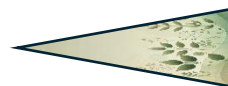
Why Choose Us?



- ✓ Deep Domain Knowledge in Herbal Sciences.
- ✓ Herbal Regulatory Expertise.
- ✓ Fast Turnaround & Custom Solutions.
- ✓ Services Tailored to International Regulatory Frameworks.
- ✓ Scientifically Accurate Documentation.
- ✓ Strong Foundation in Scientific Writing and Dossier Preparation.
- ✓ Passion for Promoting Safe, Evidence-Based Herbal Health Products.
- ✓ Proven Track Record in Herbal Regulatory Documentation.



Our Core Service Offerings



S. No.	Service	Description
1	GRAS Dossier	Complete dossier compilation for GRAS Self-affirmation or the U.S. FDA Notification submission.
2	NDI Dossier	Covering identity, safety, manufacturing, proposed use, and clinical data of herbal ingredients, ensuring alignment with FDA expectations.
3	Active Substance Master File (ASMF)	Complete ASMF document for regulatory submissions including identity, manufacturing process, specifications, quality and stability.
4	Clinical Study Design	Protocol development including study objective, methodology, endpoints, and statistical plan for herbal product trials.
5	Clinical Study Report (CSR) Writing	Full report as per ICH-GCP guidelines covering data analysis, outcomes, and conclusions.
6	Manuscript Writing	Scientific article writing for publication in peer-reviewed journals.
7	Safety Data Sheet	Globally compliant SDS for herbal raw materials and formulations.
8	Promotional Materials for Marketing Including Product Presentations, White paper, Brochures and Flyers	Professionally written marketing materials outlining product features, health benefits, and regulatory compliant claims.
9	USFDA Food Facility Registration & Renewal	Registration of manufacturing or warehousing facilities with the U.S. FDA.

For customized packages or volume discounts or for any additional services, please contact us.



Publications

Journal articles

S. No.	Article title	Journal
Preclinical		
1	A flavonoid rich standardized extract of <i>Glycyrrhiza glabra</i> protects intestinal epithelial barrier function and regulates the tight-junction proteins expression	BMC Complementary Medicine and Therapies 2022, 22(1): 38
2	Effect of Flavonoid-Rich Extract of <i>Glycyrrhiza glabra</i> on Gut-Friendly Microorganisms, Commercial Probiotic Preparations, and Digestive Enzymes	Journal of Dietary Supplements 2017, 14(3): 323-333.
3	In vitro anti-<i>Helicobacter pylori</i> activity of a flavonoid rich extract of <i>Glycyrrhiza glabra</i> and its probable mechanisms of actions	Journal of Ethnopharmacology 2013, 145: 581-586
4	Antipsoriatic activity of extracts and fractions obtained from <i>Memecylon malabaricum</i> leaves	Journal of Pharmacy and Pharmacology 2012, 64: 1501-1509.
5	Screening of <i>Caesalpinia bonduc</i> leaves for antipsoriatic activity	Journal of Ethnopharmacology 2011, 133: 897-901
6	Evaluation of the antipsoriatic activity of <i>Aloe vera</i> leaf extract using a mouse tail model of psoriasis	Phytotherapy Research 2012, 26(4): 617-619
7	Screening of <i>Wrightia tinctoria</i> leaves for Anti psoriatic activity	Hygeia Journal of Drugs and Medicines 2012, 4(1): 73-78
8	Antipsoriatic activity and Cytotoxicity of ethanolic extract of <i>Psoralea corylifolia</i> seeds	Hygeia Journal of Drugs and Medicines 2012, 4(2): 41-48
9	Antipsoriatic activity and cytotoxicity of ethanolic extract of <i>Nigella sativa</i> seeds	Pharmacognosy Magazine 2012, 8(32): 268-272
Analytical		
10	A Simple and Validated HPTLC Method of Evaluation for Quetiapine fumarate in Oral Solid Dosage Form	Eurasian Journal of Analytical Chemistry 2010, 5(3): 246-253
11	Validated HPTLC Method of Analysis of Dexibuprofen in its Formulation	Journal of Planar Chromatography –



		Modern TLC 2009, 22: 207-210
Medicinal Chemistry		
12	Synthesis and characterization of some novel fatty acid analogues: A preliminary investigation on their activity against human lung carcinoma cell line	Lipids in Health and Disease 2013, 12: 45
13	Synthesis, antidepressant and antimicrobial activities of some novel stearic acid analogues	European Journal of Medicinal Chemistry 2012, 54: 931-935
14	Synthesis, Anticonvulsant and Antihypertensive Activities of 8-Substituted Quinoline Derivatives	Biological and Pharmaceutical Bulletin 2004, 27(10): 1683-1687
15	Pharmacological Evaluation of Some New 6-Amino/Methyl Pyridine Derivatives	Chemical and Pharmaceutical Bulletin 2003, 51(2): 162-70
Safety		
16	Acute and subchronic toxicity study of flavonoid rich extract of <i>Glycyrrhiza glabra</i> (GutGard®) in Sprague Dawley Rats	Journal of Toxicology 2022, Mar 31; 2022: 8517603

Book chapters

Book	Chapter	Publisher
Nutrition and Functional Foods in Boosting Digestion, Metabolism and Immune Health	Gut health benefits of licorice and its flavonoids as dietary supplements	Academic Press; 2022. p. 377-417.
Phytopharmaceuticals for Brain Health	Science behind Usefulness of <i>Bacopa monnieri</i> for Memory and Cognition	CRC Press; 2017. p. 225-250.



Contact Us



Let us collaborate for quality herbal regulatory, and scientific solutions



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