



# BOTANICAL SAFETY CONSORTIUM

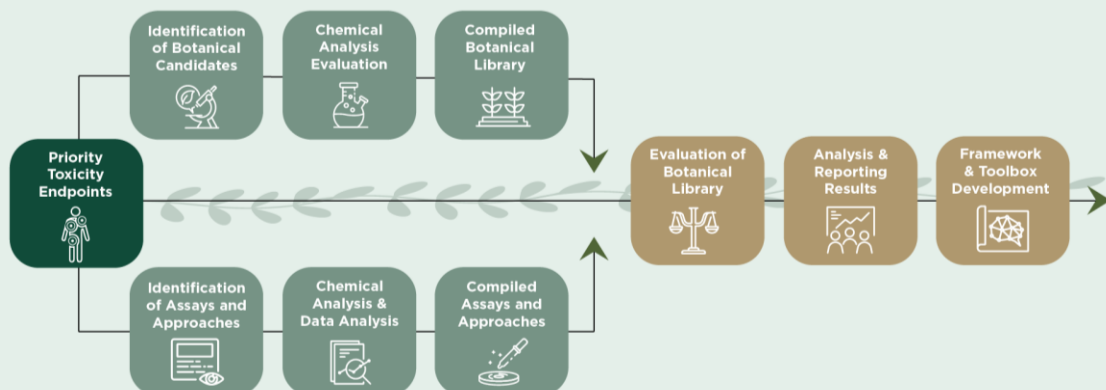
The Botanical Safety Consortium (BSC) was officially convened in November 2019, as the result of an MOU between the US Food and Drug Administration (FDA), the National Institutes of Health's National Institute of Environmental Health Sciences (NIEHS), and the non-profit Health and Environmental Sciences Institute (HESI).

## MISSION

To enhance the botanical safety toolkit and bring clarity to botanical dietary ingredient assessments for manufacturers and regulators and evaluate the suitability of assays for botanicals as complex mixtures.



## OVERVIEW OF BSC STRATEGY



## CURRENT WORKING GROUPS

Toxicity Endpoints		Exposure & Toxicokinetics	Analysis		Foundational Work
Hepatotoxicity	Cardiotoxicity	Absorption, Distribution, Metabolism, Excretion (ADME)	Chemical Analysis	Data Analysis	Literature Reviews
Neurotoxicity	Genotoxicity		<i>In vitro</i> – <i>in vivo</i> extrapolation		
Developmental & Reprotoxicity	Systemic Toxicity	Botanical Drug Interactions			
Pharmacognosy					

## BENEFITS TO JOINING THE BSC

- Engage with a global forum of scientists from government, academia, and industry
- Design and conduct studies regarding the suitability of new approach methodologies for botanical safety assessment
- Interpret and apply results from Consortium work
- Identify research topics and next phases of work for the BSC
- Share knowledge and best practices with key stakeholders

## CURRENT MEMBERS



Members From:



Academic Institutions



Government Agencies



Private Sector Companies



NGOs and Research Institutes

### WANT TO GET INVOLVED?

**Email us:**  
[botanicalsafety@hesiglobal.org](mailto:botanicalsafety@hesiglobal.org)

**Visit our website:**  
[www.botanicalsafetyconsortium.org](http://www.botanicalsafetyconsortium.org)