



Herbal Research Project

Memorandum of Understanding Between Herb Advantage LLC, USA and Bengal School of Technology (BST), India

This Memorandum of Understanding (MOU) sets the terms and understanding between the organization Herb Advantage LLC and (BST) to conduct scientific research on Indian Herbs. This research will aid in developing herbal products in targeted disease state based on scientific evidence.

Background

There is an unmet need of evidence-based research in developing herbal products. It is necessary to standardize the content of phytochemicals in various herbs to achieve optimum health benefit.

Research

This MOU will act as guidelines and responsibilities of the following initiatives:

- All such researches will be conducted in the laboratory at Bengal School of Technology under the supervision of the faculty expert in this area assigned by the Institution and under the guidance of the mentor from organization Herb Advantage LLC.
- All clinical trials on human will be conducted under the supervision of the physician at Dr. N.P. Singh's organization.
- Statistical analysis and compilation of data will be performed by the statistician
- Final data will be published in International journal
- All investigations and findings will be kept strictly confidential and should not be shared with any other individual or Institution other than individuals and Institutions mentioned in this MOU.

Reporting

Any novel finding will be copyrighted and credits will be shared by all stakeholders.

Funding

This MOU will be executed in good faith to leverage synergies from each other's expertise and no financial compensation is expected for services at this time. However, as the initiative expands, all stakeholders can decide to explore the funding opportunities from the stakeholders or any other financial institution. Initially investment of the concept development will be made by the stakeholders.

Financial

HERB ADVANTAGE will provide reasonable reimbursement to BST in the form of scholarship and/or other expenses incurred by BST.

Financial viability will be evaluated of this initiative. BST will provide list of instruments and apparatuses available in their laboratory. Team will evaluate and provide/recommend few instruments/apparatuses, which

March 20, 2020

Confidential document

Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Hooghly, Pin-712102, W.B.



either BST can purchase on their college budget. Herb Advantage can assist to procure following instruments/apparatus too. Following amount would be provided to accelerate the research activity:

1) **Chemicals:**

- a. Acetonitrile (HPLC Grade)@ 1728/2.5 lits
- b. Methanol (HPLC Grade)@ 1250/2.5 lits
- c. Water (HPLC Grade) @ 500/2.5 lits
- d. ETHANOL (LAB Grade) @ 58.12/lit

2) **Instrument:**

- a. C-18 COLUMN AGILENT

Amount for Chemical & Instrument: Rs 75000.00

3) **Scholarship @ 12000 per month per student for 6 months**

Amount for the Scholarship, for 2 students: Rs 144000.00

Total amount HERB ADVANTAGE will disburse (Rs 75000.00 + Rs 144000.00 = Rs 219000.00)

Mechanism

Herb Advantage LLC will provide mechanism to execute the research activities. Details will be added as the process will be defined.

Duration

This MOU is at-will and may be modified by mutual consent of authorized officials from (see the list of partners as below). This MOU shall become effective upon signature by the authorized officials and will remain in effect until modified or terminated by any one of the partners by mutual consent. In the absence of mutual agreement by the authorized officials this MOU shall end on December 31st, 2022.

Date: 20/03/2020

**Herb Advantage LLC
(Debol Gupta)**

**Bengal School of Technology (BST), India
(Dr. P. Chakraborty)**

Attested

**Dr. P. Suresh
Principal
Bengal School of Technology
Sugandha, Delhi Road
Gurgaon, Pin-712102, W.B.**