



# Develop prototypes/technologies – Covid 19 relief efforts @ USJ

## Title of Invention / Technology

Please mention the proposed title for the Invention / Technology

**SERENDIB DIABI TEA- SPECIAL DR. LI WENLIANG  
EDITION**

## Technical Problem

Please mention about the prevailing technical problem due to Covid – 19

People with diabetes face primarily a problem of worse outcomes, not greater chance of contracting the virus. In China, where most cases have occurred, people with diabetes had much higher rates of serious complications and death than people without diabetes—and generally we believe that the more health conditions someone has (for example, diabetes and heart disease), the higher their chance of getting serious complications from COVID-19. While the death toll is likely to rise as the virus spreads, we expect the death rate—the number of people who die from the virus as a percentage of the total number of people who contract the virus—to go down as we get better at detecting and treating this specific virus. (American Diabetes Association)

## Technical Solution

Mention about your technical Solution invented by your resersh group

Our research on the introduction of Serendib Diabi Tea (formally Serendib Antidiabetic tea) goes back to 2004. We are the world's first to produce and test product on black tea and 22 herbal spices first introduced in 2009, we are founded in 1999 to provide patent on antidiabetic tea and claim Industrial Technology Institute of Sri Lanka certificate and



the world's Institutional recognition. Following are some of the ingredients we used in our product.

**Coscinium fenestratum –**

Ministry of Science and Technology has studied the medicinal properties of such Auryvedic staples as kohthamalli (coriander) and venivelgeta (Coscinium fenestratum or tree turmeric) whose scientific value, he said, is well documented.

“In western medicine, we learn about immunity in membranes as well as humoral immunity and cell-mediated immunity. The value of kottamalli in fighting bacteria infections and the use of venivelgeta for viral infections is clearly mentioned,” .  
(Colombo/April7/2020)

A member of the spurge (Euphorbiaceae) family, *Phyllanthus emblica* (Nelli) is one of the oldest and best-known fruits in the whole of Asia. For millennia, Nelli has been consumed by disciples of Ayurveda both as a rejuvenant and as a cure-all to maintain health, boost vitality and improve performance.

Cinnamon can be boiled into an herbal tea to soothe discomfort associated with colds. Its oil is used to pacify headaches and keep joints healthy.

Cooling Sandalwood powder is mixed with water into paste, and applied medicinally to relieve Pitta heat conditions: sunburn, acne, rashes, fevers, herpes, and even infectious sores and ulcers.

*Syzygium Cumini* is native to India and indigenous part of Indian folk remedies. In Ayurveda, its fruits, seeds, bark, and leaves are used as medicine for treating bleeding disorders and other diseases.

The extracts of *Salacia reticulata* (Salacia extract), a plant that has been used for the treatment of early diabetes, rheumatism and gonorrhoea in Ayurveda, have been shown to have an anti-obesity effect and suppress hyperglycemia. Salacia extract markedly improved these symptoms upon treatment.

Black pepper is a warming spice and contributes the pungent taste. It is excellent for pacifying Kapha, helps pacify Vata and increases Pitta.

Ginger - From an Ayurvedic perspective, ginger is a superfood, particularly for digestion, respiration and the joints. It is believed to destroy ama or toxins, enkindle the digestive fire, improve the secretion of digestive enzymes, prevents nausea and stop hiccups.

## Advantageous Effects



Please Mention the advantageous effects of your new invention/ technology when compare with the available products/ technologies in the market.

Our product is with 22 different combinations of herbs. In the market the products you find is few combinations which will be never changing prescription/formula. This is against basic Ayurveda principles, so that in general almost all Ayurveda/Traditional practitioners change their prescriptions according to type of patients and conditions in their daily practice.

The unique proposition of our product is, we have liberty to put forward different prescriptions based on practitioner and patients requirements.

## Industrial Applicability

Please mention the potential industrial applicability of your invention/ technology. (Potential Companies, Industry types, Government Departments and etc.)

Already obtained intellectual property rights for this product. ITI certified. This product got approval from Ayurveda Department of Sri Lanka to produce.

Therefore, Department of Ayurveda, Health ministry could use this as an immune booster for diabetes who are suffering from Covid -19 and or not.

## Current Status of the Invention / Technology

Prototype available/ Prototype to be developed/ Concept/

Prototype is developed and can be released to the market anytime.

## Name and Contact Details of the Inventors

Please Mention Name, Department, Email and Mobile Number

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