



सीएसआईआर-हिमालय जैवसंपदा प्रौद्योगिकी संस्थान  
पालमपुर – 176 061 (हि.प्र.)  
CSIR-Institute of Himalayan Bioresource Technology  
Palampur – 176 061 (H.P.)



CSIR-IHBT invites Expression of Interest (EOI)

for

**“Repurposing of Ayurveda based herbal formulation for COVID19”**

Three constituent laboratories of Council of Scientific and Industrial Research, CSIR-IHBT, Palampur, CSIR-IMTECH, Chandigarh, and CSIR-IGIB, New Delhi have been involved in the development of a herbal formulation sourced from Ayurveda for repurposing against COVID-19. The herbal formulation preparation is based on Ayurveda descriptions, has demonstrated anti-dengue activity, and is recommended in Ayurveda in treatment for the alleviation of symptoms that feature in COVID-19. The molecular mechanism of action has been elucidated using Ayurgenomics approach with follow-up validation studies. Complementary efforts have also been made for identifying the marker compounds and isolation of active principles from extracts of this herbal formulation. The herbal formulation has the potential for modulating both the host and antiviral response. Its repurposing possibilities in COVID-19 has been elucidated using a connectivity map approach with COVID patient transcriptome and docking studies on the host and viral targets. Some critical hallmarks of COVID-19 seem to be intervention points of this herbal formulation. In-vitro validation studies as an anti-SarsCoV2 is being tested in cell line based assays.

CSIR is willing to fund further studies related to pre-IND filing, to be completed in one year. CSIR is seeking partnership from industry for taking this forward. After one year, large scale production of herbal drug will be required along with other expenditures related to the clinical trial. At this point of proposal submission, assurance from the industry is sought to financially support for the co-development of this identified AYUSH intervention if the herbal drug is approved for the clinical trial. Overall, for this project, we are seeking collaboration from industry to cover technical aspects such as providing quality tested drug material for clinical trials and financial commitments for co-development of the identified AYUSH intervention.

The application should include details of company profile and marketing strategies. The selected parties shall be called for discussions. Interested parties may send their Expression of Interest, in a sealed cover superscripting “Expression of Interest” addressed to

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OR

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