**Herbal adjuvant DIP-HIP**

Herbal adjuvant DIP-HIP, derived from Himalayan herb, is developed to enhance the immunogenicity of vaccines.

- *The adjuvant activity of the extract is confirmed by purifying the extract, and identifying a bioactive component.*
- *Safe, efficacious, enhances protective antibody response, with no side effects.*
- *Modulates both the arms of immunity (Th1 and Th2 immune response).*
- *Long term sustenance of antibodies.*
- *Compatible with different antigens, with reduced number of boosters.*
- *Non-immunogenic by itself with no batch variation.*
- *Superior to alternative adjuvants when judged by immunopotency criteria, and collectively by bio-active qualities, syringeability, and manufacturability.*

- Patents: Four Indian patents filed, [212/DEL/2006; 2073/DEL/2014; (2) 2015].
- Publications: Ten papers and Two reports; 12 Abstracts in International Conferences.
- DIP-HIP qualified in the DRDO-FICCI-ATAC program for Global Commercialization.
- CNDA, MTA & BEA signed with various pharmaceutical companies.
- Large scale multi-centric animal field-trials in progress, in 4 different states of the country.