

## **Formulations for prevention and therapy of sexually transmitted infection including HIV**

### **Salient features of the Technology:**

- The formulations comprising of lung surfactant protein SP-D in its purified as well as recombinant forms can be used for prevention as well as therapy of HIV and STIs.
- The formulations neutralize HIV and inhibit viral entry and replication in human CD4+ cells.
- The formulations reduce HIV virus entry and replication in human macrophages.
- The formulations reduce the expression of HIV-co receptors CXCR4 and CCR5 by manifold in human CD4+ cells.
- An Indian patent application has been filed.
- This technology has been developed by NIRRH, Mumbai (an ICMR, Institute).