

COLLOQUIUM

In wonderland of Vaccinology

Abstract: Vaccination/Immunization is one of the most powerful and cost effective of all health interventions. It prevents debilitating illness and disability, and saves millions of lives every year. Vaccines prevent more than 2.5 million child deaths a year. The contribution of vaccination is critical to reduce deaths amongst under fives. Over 100 million children are immunized every year before their first birthday. Vaccines are both life and cost saving.

In his talk he will discuss distinct approaches for developing the new vaccines, namely, 1) Reverse Vaccinology; 2) Conjugation technology; 3) Adjuvants technology; and 4) Substrate technology.

New vaccine delivery systems are also anticipated. Devices that use needles may be replaced in future with new approaches such as aerosol formulations sprayed in the nose or lungs, adhesive skin patches, drops under the tongue and oral pills. Another potential breakthrough is the development of an increasing number of vaccines that are heat stable which will greatly relieve pressure on the cold chain and logistics.

Over the next decade or so increasing number of new vaccines will come in market. Some of these would be for adolescents and adults. There could be 'life style modifying vaccines', vaccines for cancers, tobacco abuse and for travelers in this global village.

By

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Day & Date : Tuesday, October 25, 2016

Time : 16.00hrs

**Venue : Seminar Room PF-AG-14, Prefabs, Near Annabhau Sathe
Bhavan University of Mumbai, Vidyanagari, Kalina
Campus, Mumbai - 400 098**

All are Welcome