

**GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA**

UNSTARRED QUESTION NO:3973

ANSWERED ON:17.05.2006

DEVELOPMENT OF VACCINATIONS MEDICINES

Khan Shri Mohammad Tahir;Rawat Shri Ashok Kumar;Shiwankar Shri Maha Deo Rao;Yadav Shri Kailash Nath Singh

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

- (a) whether the Government is contemplating to develop vaccinations and medicines to control various deadly diseases completely during the next ten years;
- (b) if so, the details thereof;
- (c) the names of the diseases for which vaccinations are being developed and the number of vaccinations developed so far; and
- (d) the time by which vaccinations and medicines for all diseases are likely to be produced?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH & FAMILY WELFARE (SMT. PANABAKA LAKSHMI)

(a) to (d) : Many governmental and private agencies are involved in development of vaccines against various diseases. During the last three years 24 applications for different diseases have been submitted to the Drugs Controller of India. Phase I trials in normal volunteers are in process for these 24 new drug molecules. Phase II and III efficacy trials have to be conducted before drugs can be considered for marketing which may take 7-8 years. Department of Science and Technology under Pharmaceuticals Research and Development Supports Fund (PRDSF) programme extends support to Industry/Institutional collaborative R&D projects on drug development including development of vaccines and new medicines, establishing the state-of-the-art research facilities for drug R&D in institutions and loan assistance for R&D projects to pharma industries. During 2005-06 the PRDSF programme has supported 37 R&D project with DST's contribution of Rs.115.00 crores. The PRDSF programme has supported R&D projects on developing tetravalent vaccine on Dengue, Japanese Encephalitis virus (IEA), Hepatitis-B to pharma industries which are on-going. During 2006-07 a budget estimate (BE) of Rs.130.00 crores is made for this programme.

The Indian Council of Medical Research (ICMR) is undertaking Phase I trials on HIV vaccines, measles aerosol vaccine (for alternate delivery of vaccine). Leishmania vaccine to protect against leishmainiasis. ICMR in collaboration with CSIR and PGI Chandigarh have developed on oral cholera vaccine. Site preparation activates for a vaccine probe study to estimate the preventable burden of Hib meningitis and pneumonia is currently ongoing. Clinical studies on HPV vaccine is proposed to be initiated. Besides, Oral Rota Virus Vaccines by AIIMS, New Delhi, Recombinant Anthrax Vaccines by Panacea Biotech Pvt. Ltd. New Delhi and Oral Cholera Vaccine by Shantha Biotech Pvt. Ltd. Hyderabad are under clinical evaluation.