

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA
UNSTARRED QUESTION NO. 2856
TO BE ANSWERED ON 2ND DECEMBER, 2016**

ANTI-DENGUE VACCINE

**2856. DR. KULAMANI SAMAL:
SHRI B. SRIRAMULU:**

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

- (a) whether several Indian and foreign pharmaceutical companies have approached the Government to develop or introduce dengue vaccine in India and if so, the details thereof;
- (b) whether the Government has roped in various private pharma companies for its marketing and if so, the details thereof;
- (c) whether the Government has developed anti-dengue vaccine 'DSV4' at the International Centre for Genetic Engineering and Technology; and
- (d) if so, the details thereof?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SHRI FAGGAN SINGH KULASTE)**

(a) to (d): M/s Sanofi Pasteur and M/s Panacea Biotech approached Central Drug Standard Control Organization (CDSCO) for grant of marketing authorization and permission to conduct clinical trial respectively.

The dengue vaccine (DSV4) development program is being supported through Indo-US Vaccine Action Program of Dept. of Biotechnology. The International Centre for Genetic Engineering and Bio-Technology (ICGEB) has filed an International Patent on this unique vaccine design which seems safe, efficacious against all four dengue viruses. This candidate vaccine is being produced using recombinant DNA technology in Yeast in an affordable manner. Sun Pharma and ICGEB has signed an agreement in Oct 2016 for clinical development of this Indian vaccine candidate that is being monitored by Global Dengue Experts.

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