

Development of Blood Substitute

6. SHRI BABU HARI CHAURE: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether Medical Scientists in the Institute of Immuno-haematology, Bombay have developed a blood substitute that can be given to patients of any blood group in an emergency; and

(b) if so, the details thereof along with its likely time of availability?

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRIMATI D.K. THARADEVI SIDDHARTHA) : (a) The Indian Council of Medical Research has informed that a blood substitute called Storma Free Haemoglobin (SFH) solution is being developed at the Institute of Immunohaematology (ICMR), Bombay. This substitute can be used during emergency situation when either a group compatible blood or matching facilities is not available. In other words, this can be given without blood group matching.

(b) The project work is planned to be undertaken in three phases, as shown below. Currently, Phase I is in operation.

Phase-I

Periliminary experiments on preparation of SFH from out dated blood are being carried out

Phase II & III

Various experiments like preparation of pyridoxylated SFH and also preparation of polymerised pyridoxylated SFH solution will be carried out.

Animal immunisation experiments to see if the SFH has any antigenicity will be done before and after the chromatography

and centrifugation procedures for removal of all stroma. Sterility, shelf life and animal infusion experiments are also planned to be carried out. After permission from the ethical committee, human trials may be embarked upon.

Assistance for setting up of Akademi for Martial Art

7. SHRI SHIVAJI PATNAIK: Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether Palka dance of Orissa, the traditional Martial art is not getting due encouragement for its preservation, promotion; and enrichment;

(b) if so, the steps proposed by the Government for promotion of this art;

(c) whether the Government propose to provide financial assistance for establishing an Academy for Martial art of Orissa at Khunda; and

(d) if so, the details thereof?

THE MINISTER OF HUMAN RESOURCE DEVELOPMENT (SHRI ARJUN SINGH): (a) and (b). The Palka dance has been presented at the national level by the Sangeet Natak Akademi in the 7th Lok Utsav organised by them in November 1990. The Akademi proposes to conduct a survey of Chau dances and their related forms including the Palka dance.

(c) and (d). No such proposal to establish an Academy for Martial art of Orissa at Khunda is under consideration.

Assistance for treatment of Cancer in Kerala

8. PROF. K. V. THOMAS: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state: