Call for R &D Proposals on “Geriatric Nutrition”

Rationale: The elderly population is rising rapidly in India and is estimated to be over 10% of the total population. The process of ageing is associated with many changes in the body such as poor dentition, loss of appetite and taste, reduced digestive capabilities, lower immunity levels, altered body composition, reduced bone strength, frailty, loss of muscle mass, along with the incidence of chronic disease. With the aim of improving the nutrition and health of the elderly population in the country, the Department of Biotechnology proposes to support R&D proposals in the following research priority areas in the elderly:

1. Characterization, Identifying Biomarkers, Role of nutrition, evaluating Interventions in:
   a) Sarcopenia & Frailty
   b) Cognitive Decline
   c) Anemia
   d) Osteopenia and Osteoporosis
   e) Immunosenescence
   f) Ophthalmic disorders

2. Estimating Recommended Dietary Allowances of macronutrients (energy, protein) and micronutrients (iron, calcium, folate, vitamin D and vitamin B_{12} etc) in elderly.

3. Measurement of Energy expenditure in elderly


5. Operational research to formulate and implement food security programs in the elderly from the underprivileged section.

6. Identifying factors (medical, physiological, social, psychological) contributing to poor nutrition in Elderly.

Eligibility: Applications may be submitted by public and private universities, colleges, Institutes, non-profit organizations (recognized by DSIR as a Scientific and Industrial Research Organization (SIRO)). Development of interdisciplinary collaborative research team with involvement of experts from relevant fields is encouraged.

How to apply: Applicants should submit full proposal on or before the deadline through DBT Epromis portal and submit two hard copies to Dr. Balendra Singh, Scientist-C, Department of Biotechnology, Block- 3, Room No.525B, 5th floor, CGO Complex, Lodhi Road, New Delhi – 110003 and email the soft copy to email: vk.addanki@nic.in. The link to submit proposal can be accessed by registering and logging in as P.I in portal: https://dbtepromis.nic.in

The deadline for submission of full proposal is 26th December 2019

For any queries, contact Dr. Balendra Singh, Scientist-C, Email- balendra.singh@dbt.nic.in /Dr. A.Vamsi Krishna, Scientist-E, Email- vk.addanki@nic.in