

*INDIAN PARLIAMENTARY PAPERS  
ON  
ESTABLISHMENT  
OF  
CENTRE FOR  
TYPE COLLECTION OF MICROORGANISMS,  
NATIONAL TYPE CULTURE COLLECTION  
AND  
CULTURES OF DAIRY IMPORTANCE*

**Dr. Abhay B. Solunke**

Deptt. of Microbiology,  
Shri Govindrao Munghate Arts & Science College,  
Kurkheda. 441209.

# Culture Collection of Microorganisms

## Introduction

Indian Culture Collection of Microorganisms started in India after the independence. The parliament of India in 1948, 1949 setup the culture collection centres. The details of the culture collections and the parliamentary procedures done are mentioned in this chapter.

## Indian National Committee on Type-cultures of Microorganisms

The meeting of the advisory Committee for Coordinating Scientific work was held on Thursday the 19<sup>th</sup> August 1948 in the Hon'ble Prime Minister's Room of South block at 4.30 pm. The following members were present

Sr. No	Name	Designation
1	Pandit Jawahar Lal Nehru	Chairman
2	Dr. C.S.Bhatnagar	Member
3	Dr. J.C.Ghose	Member
4	Dr. J.N. Mukarji	Member
5	Dr. C.G Pandit	Member
6	Prof. P.C.Mahalanobis	Member

To this meeting Major General S.S. Sokhoy was unable to be present owing to this absence from India.

Government of India vide the letter no. F.8/DSR(4)/48-1660 and u.o. No. 614/DSR/48-1021 dated 15-10-1948 deals with the formation of Indian Committee on type-culture of Microorganisms.

Government of India, Department of Scientific Research vide the letter No. 144/DSR/48, dated 3<sup>rd</sup> Novr. 1948 was sent to appoint the Indian Sugar Syndicate as representative.

Advisory Committee for Co-ordinating scientific work recommended the appointment of Indian National Committee on Type-cultures of Microorganisms. This Committee was represented by the following subjects:

Sr. No	Aspect to be represented	Name of Institute to choose members
1	Agriculture	Indian Agriculture research Institute
2	Dairying	Indian Dairy Research Institute, Bangalore
3	Fundamental Microbiology & Biochemistry	Department of Fermentation technology Indian Institute of Sciences, Bangalore
4	Industrial	Indian Sugar Syndicate
5	Medical	Central research Institute, Kasauli
6	Sylviculture	Forest research Institute, Dehra Dun
7	Veterniary	Indian Veterinary research Institute, Mukteswar

GUM LINE.  
MEMORANDUM.  
No. 23099 KASAUJI, dated the 28th Oct. '48.  
From The Director, Central Research Institute, Kasauli, PO KASAUJI, H.L.  
To The Assistant Secretary, Department of Scientific Research, Government of India, NEW DELHI.  
Subject: FORMATION OF AN INDIAN COMMITTEE OF TYPE-CULTURE OF MICRO-ORGANISM.

Please refer to this office memorandum No. 20424/A dated 24.9.1948 and subsequent reminder No. 21523/A dated 13.10.1948 and send a copy of your U.O. No. 8-D.S.R(4)/48-73 dated 30.8.1948 as the same has not yet been received in this office.

Mr. B. P. 2/1/48



Lieutenant Colonel, DIRECTOR.

KCS.

Personnel of the Indian National Committee on Type-cultures of Micro-Organism.

- Mr. M. Sreenivasaya, Incharge of Type-culture section of the Council of Scientific and Industrial Research, C/O Indian Institute of Science, Healerwaran, Bangalore.
- Dr. K.K. Iyer, Dairy Bacteriologist, Indian Dairy Research Institute, Bangalore.
- Dr. K.D. Bagchee, M.Sc.(Cal) D.Sc.,(London) DIC, FNI, Mycologist, Forest Research Institute, Dehra Dun.
- Mr. V.R. Rajgopalan, G.M.V.C., Dip.Bact., Research Officer, Indian Veterinary Research Institute, Mukteswar.
- Dr. R.S. Vasudeva, Officiating Head of the Division of Mycology and Plant Pathology, Indian Agricultural Research Institute, New Delhi.
- Lt. Col. M.L. Ahuja, Director, Central Research Institute, Kasauli.
- Dr. G. Gundu Rao, M.Sc., A.I.I.Sc., Daurala Sugar Works, Daurala.

## Centre of Collection of Cultures of Dairy importance

Establishment of Centre of Collection of cultures of Dairy importance scheme was forwarded by the Director of Indian Dairy Research Institute, Bangalore to Government of India, Department of Scientific research, on 1st August, 1949 by K.K. Iya. The Scheme proposed for the establishment of Centre of type collection of culture of Dairy Importance with following details:

The Microorganisms important in dairying may be divided into the following groups based on the use, they are put to:

1. Those employed as indicator of contamination in milk and milk-products under normal conditions of handling.
2. Those employed for initiating certain activities responsible for the development of acidity, flavor, aroma, etc., in the products.
3. Organisms which are capable of synthesizing vitamins, amino acids and other growth factors and offer possibilities for increasing the food-value of those products in the manufacture of which the organisms are employed.
4. Organisms occurring in milk or milk-products which are capable of anti-bacterial activity.
5. Organisms employed for the identification of abnormal milks, and
6. Species used as test organisms for the microbiological assay of vitamins, amino acids, etc.

All the microorganisms of the above groups are of interest to the dairyman and it would be most desirable, to establish a Central collection of Type cultures of Dairy Microorganisms.

- 79 -  
No. R/4628

Telegraphic Address—“DAIRYSEARCH”,  
Telephone No. 28 Bangalore.

113

INDIAN DAIRY DEPARTMENT.  
(GOVERNMENT OF INDIA.)

S.No. (65)

FROM

Dr. K. C. Sen, D.Sc.,  
Director of Dairy Research,  
Indian Dairy Research Institute,  
Bangalore 1.

Official communications should  
not be addressed by name.

TO

The Under Secretary to the  
Government of India,  
Department of Scientific Research,  
New Delhi.

Dated Bangalore, the 1<sup>st</sup> Aug. 1949.

Subject:- Indian National Committee on Type-Cultures  
of Micro-Organisms under the aegis of the  
Department of Scientific Research.

Sir,

In connection with the meeting of the above  
mentioned Committee to be held in Delhi on the 12th August  
1949, I forward herewith a copy of a scheme proposed for  
“the Establishment of a Centre of Collection of Cultures  
of Dairy Importance” submitted by Dr. K. K. Iya, Indian  
Dairy Research Institute, Bangalore a member of the  
Committee for information and necessary action.

Yours faithfully,  
*K.C. Sen*  
(K.C. Sen)  
DIRECTOR OF DAIRY RESEARCH

11/4 80-83  
6

Copy of letter No.R/4628, dated the 1st August, 1949  
from the Director, Indian Dairy Research Institute,  
Bangalore to the Under Secretary to the Government of India,  
Department of Scientific Research, New Delhi.

-.-.-.-

Subject:- Indian National Committee on Type-  
Cultures of Micro-Organisms under  
the aegis of the Department of  
Scientific Research.

In connection with the meeting of the above  
mentioned Committee to be held in Delhi on the 12th  
August, 1949, I forward herewith a copy of a scheme  
proposed for “the Establishment of a Centre of Collection  
of Cultures of Dairy Importance” submitted by Dr.K.K.Iya,  
Indian Dairy Research Institute, Bangalore a member of  
the Committee for information and necessary action.

'HLC'

-.-.-.-

130