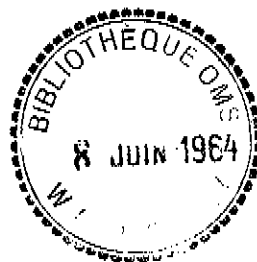


WORLD HEALTH  
ORGANIZATION

MEETING OF DIRECTORS OF WHO  
VIRUS REFERENCE CENTRES

Geneva, 20-27 July 1964



ORGANISATION MONDIALE  
DE LA SANTÉ

WHO/Ref.Centres/WP/B  
27 May 1964

ENGLISH ONLY

ANNUAL REPORT OF THE WHO REGIONAL REFERENCE CENTRE  
FOR ENTEROVIRUSES

at the Statens Seruminstitut, Copenhagen

Antigens

In 1963 a total of 162 virus strains (79 ECHO, 80 Coxsackie, one measles, one SV40 and one adeno) was sent to seven countries: Belgium, Czechoslovakia, Singapore, South Africa, Sweden, Rumania and USSR. The material was sent air mail or air freight and most of the enterovirus strains were kept in 1 M MgCl<sub>2</sub> for stabilizing effect. No complaints about any of the shipments have been received so far.

Since we have not yet received the enterovirus strains from the Type Culture Collection in the United States of America, all strains have been derived from our present supply.

Antisera

Some few laboratories have asked for antisera, which we unfortunately have not been able to provide.

Our laboratory has participated in the collaborative study of the first five enterovirus antisera from horses (polio 1, ECHO 4 and 11, Coxsackie A9 and B3). The results have been submitted to Dr J. L. Melnick and to WHO.

Dr Melnick has kindly sent us 2 l of each of the five corresponding bovine antisera. These were filtered and ampouled and distributed to virus laboratories in Finland, Norway and Sweden. The approximate Ox-serum titres have in our laboratory been found to be as follows: polio 1 - 2500, ECHO 4 - 6000, ECHO 11 - 500, Coxsackie A9 - 3000, Coxsackie B3 - ca. 100.

Virus identification

In 1963 only one virus strain was received from abroad for identification. The strain turned out to be ECHO 11.

Diploid cells

Wistar cells 38 were used for various experimental purposes during 1963, but not for routine work.

Travels

In connexion with the Ninth European Polio Symposium in Stockholm in September 1963 members of our department participated in a Scandinavian meeting on the viral antiserum problems.

Guests

Miss Maria Graca Pires Nunes (WHO Fellowship) from Instituto de Hygiene "Dr Ricardo Jorge", Lisboa, Portugal, visited the laboratory for two weeks in April 1963.

Dr med.vet. Pekada Makounen, Ethiopia, visited the laboratory for four weeks in May 1963.

Dr Luis Valenciano (WHO Fellowship) from Escuela Nacional de Sanidad, Servicio de Virus, Ciudad Universitaria, Madrid, Spain, visited the laboratory for four weeks in September 1963.

A number of other guests passed through the department on brief visits.

Publications related to the work on behalf of WHO:

von Magnus, H. (1963) Virological and serological criteria of epidemics of viral diseases, Arch. Virus-Forsch., 13, 16-23

Stautz Munch, B. (1963) Complement fixation employed for typing of Coxsackie A viruses isolated from patients, Acta path. microbiol. scand., 58, 471-481