

The European Commission DG RTD INCO Copernicus programme: an example of successful collaboration between countries of Eastern and Western Europe



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ABSTRACT

The European Commission D. RTD INCO Copernica programme (E15.CTS8.0002 commenced in Spepamber 1998 with the following objectives to improve microbiological several accounts of Eastern and Virsian Europe (E19.E) and institutes information and extraors of Eastern and Virsian Europe (E19.E) and institutes information and the Eastern and Virsian Europe (VE). Eleven potenties from the Eastern and Virsian Europe (VE). Eleven potenties from the Eastern and Virsian Europe (VE). Eleven potenties from the Eastern and Virsian Europe (VE). Eleven potenties from the Eastern and Virsian Europe (VE). Eleven potenties from the Eastern and Virsian Europe (VE). Eleven potenties from the Eastern Europe (VE). Eleven Europe (VE)

INTRODUCTION AND PURPOSE

- The European Commission DG RTD INCO Copernicus programme IC15.CT88.0302 'Microbiological Surveillance of Diphtheria in Eastern Europe' had the following objectives:

 Microbiological surveillance of infections caused by Corynebacterium diphtheriae and other potentially toxigenic corynebacteria
- Surveillance of carriage of C diphtheriae
- Incidence and significance of non-toxigenic, tox gene bearing C.diphtheriae
- Establishment of National Dichtheria Reference Centres within the NIS of the former USSR

METHODS

The above programme, which is primarily a joint research program me, started on 1 September 1998 and completed on 28 February 2002, was functioning via established network of eleven partners from 9 countries of Eastern and Western Europe, including the UK, France, Armenia, Belarus, Kazakhstan, Lahvia, Romania, Russian Federation and the Ukraine (Fig. 1)

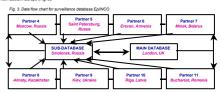


RESULTS

- Establishment of New National Diphtheria Reference Centers in the following countries: Armenia. Belarus. Kazakhstan. Latvia and the Ukraine.
- Development and introduction of new rapid methods for determination of toxigenicity:
 - EIA;
 Immunochromatographic (ICS) strip test
- Successful distributions of International External Quality Assurance scheme for the laboratory diagnosis of diphtheria

Of a particular importance, it was a successful implementation of visiting scientists program allowing 19 scientists from 9 countries of Eastern Europe (Fig. 2) to underwent training in laboratory diagnosis of diphtheria and mideoular lyring schemics at the CPHL. Sterptococcus & Diphtheria Reference Until (London, UK) and Pastern Institute (Paris, France) and also establishment of surveillance database Epilik/CD which includes circlinate, epidemiological and microbiological datu on 1/64 serias from participating Partners information from Eastern Europe (Fig. 3).





CONCLUSIONS

- This project can be considered as an example of successful collaboration between the countries of Eastern and Western Europe because of the following:

 Achievement of the improvements in laboratory disances of diotheria by:
 - ➤ Harmonization of methodologies;
 ➤ Implementation of new diagnostic methods (EIA, ICS)
- Strengthening of surveillance
- Establishment of scientific collaboration
- Information exchange and transfer of technologies
 Acquisition of necessary reagents and equipment by Partners

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