VectorNet - European network for sharing data on the geographic distribution of arthropod vectors, transmitting human and animal disease agents

Summary / Zusammenfassung

VectorNet is a joint initiative between the European Food Safety Authority (EFSA) and the European Centre for Disease Prevention and Control (ECDC). The project aims to harmonize data collection on the geographic distribution of vector of human and/or animal pathogens in Europe and the Mediterranean Basin. Therefore, a tool is developed, that facilitates the uploading of georeferenced data of vector presence, absence and abundance.

The aim of VectorNet is to improve the quality and representation of data, streamline the collection of information, reach out to more external experts, and mainly encouraging data sharing throughout a network of scientists which meets on an annual basis. The network of medical entomologists and public health professionals, already established during the preceding VBORNET project, has been extended to include veterinary entomologists and veterinarians working in the field of vectors and/or vector-borne diseases in Europe and countries surrounding the Mediterranean Basin.

The project provides also ad-hoc scientific advice to support ECDC and EFSA concerning technical questions about vector surveillance and vector-borne diseases in humans and animals.

The project performs targeted entomological collections in specific vector habitats to fill knowledge gaps that have been identified through the previous project VBORNET (http://www.vbornet.eu/), through analyses of the existing vector databases, and in EFSA scientific opinions.

Through the EFSA/ECDC collaboration during the VectorNet project, communication and collaboration between experts and organizations from the medical and veterinary domains will be improved. The outcomes of the project will contribute to improving preparedness and response for vector-borne diseases in the European Union.

Project Leadership and Contacts / Projektleitung und Kontakte

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Funding Source(s) / Unterstützt durch

Other Public Sources (e.g. Federal or Cantonal Agencies)

In Collaboration with / In Zusammenarbeit mit

Institutions from 64 Countries

Duration of Project / Projektdauer

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