EMBnet – European Molecular Biology Network

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Description

EMBnet is a project to develop the infrastructure for access to biotechnology information services for the research community in Europe. The project includes the formation of a network for access to, and exchange and analysis of, data of importance to molecular biology and biotechnology.

The network is based on nationally-appointed centres in European countries, appropriately staffed and equipped to provide a biocomputing service and to develop network-based services within their country. Additional nodes are involved as hosts of databases or specialised facilities. Current nodes and their contact representatives are listed below.

Initial network activities have centred around daily distribution of nucleotide sequence data from the EMBL Data Library using Internet, and sometimes DECnet over X.25. National EMBnet nodes therefore maintain remote copies of the EMBL Nucleotide Sequence Database for on-line access of further re-distribution within their country.

One main goal is to develop bioinformatics and its practice in general. Approaches and solutions are discussed among the project members via mailing lists, newsgroups and at annual workshops.

Other activities and projects include promotion of computer conferencing, remote access to specialised facilities (eg sequence similarity searching on massively parallel computers), a training programme in bioinformatics, evaluation and implementation of Gopher servers, remote sequence database updating mechanisms.

Who Can Use The Resource

In most cases the services provided by national nodes of EMBnet are intended for their national research community. In some cases there is a charging system, especially for commercial users. Other entries in the Internet Resource Guide (eg EMBL Data Library) will give more specific details, or contact the resource directly.

Miscellaneous

EMBnet received financial support from the EC BRIDGE programme, 1991-94. Major financial support is received by most of the national nodes to establish and run their services.

National EMBnet nodes:

Country	Contact Address
Austria	Vienna Biocenter, University of Vienna, Dr. Bohr-Gasse-3, 1030 Wien Tel: +43 222 79515 Fax: +43 1 7986224 E-mail: A5191DAA@vm.univie.ac.at
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Other nodes in EMBnet:

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