

Resource Summary Report

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Eurofungbase

RRID:SCR_007094

Type: Tool

Proper Citation

Eurofungbase (RRID:SCR_007094)

Resource Information

URL: http://eurofung.net/index.php?option=com_content&task=section&id=3&Itemid=4

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Description: The Eurofung project is a Coordination Action with the aim of developing a strategy to build up and maintain an integrated, sustainable European genomic database required for innovative genomics research of filamentous fungal model organisms of interest. This database will become a crystallization point for related systems and then could be integrated and conserved in a central European genomic database. The consortium counts 32 member laboratories, three of which have partner status. A Fungal Industrial Platform (FIP) of 13 members is also associated with the project. The project focuses on several filamentous fungi for different reasons. *Aspergillus nidulans* has a long record of use as a fungal model organism. *Aspergillus niger*, *Trichoderma reesei* and *Penicillium chrysogenum* are important cell factories used for the production of enzymes and metabolites including compounds such as Beta-lactams with benefits to human health. The human pathogen *Aspergillus fumigatus* serves not only as a model pathogen, but becomes more and more a serious threat to human health. The project contributes to create the conditions and facilities within Europe to widely apply all genomics technologies in filamentous fungal research. This will greatly expand our knowledge about filamentous fungi. This new genomics information will thus be beneficial to European biotechnology industries and help to improve the prevention and treatment of fungal disease. Expected results: The main results expected from this project are: - The contribution of the community to the manual annotation of important fungal genomes through annotation jamborees. - The realization of an integrated sustainable fungal genomic database through collaboration with bioinformatics centers and incorporation of the community data. - The realization of a fungal genomics knowledge base for the Eurofungbase community and the European fungal biotech industry through meetings, workshops and web-based information. - Intensified collaboration between the members of the network including the participating industries, thus strengthening the infrastructure for high quality fungal genomics research in Europe and furthermore determining joint research targets for the future. - Individualized training of a next generation of young scientists in fungal genomics and biotechnological research.

Abbreviations: Eurofung

Synonyms: Eurofung

Resource Type: knowledge environment

Funding: European Union LSSG-CT-2005-018964

Resource Name: Eurofungbase

Resource ID: SCR_007094

Alternate IDs: nlx_20616

Record Creation Time: 20220129T080239+0000

Record Last Update: 20260725T190633+0000

Ratings and Alerts

No rating or validation information has been found for Eurofungbase.

No alerts have been found for Eurofungbase.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.