

Chimiothèque Nationale

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The "Chimiothèque Nationale" (CN – French National Chemical Library) is a federation of chemistry laboratories created in 2003 by the department of Chemical Sciences of CNRS, in partnership with 18 establishments for higher education and research. Its principal missions are to promote scientific collaborations at the chemistry-biology interface and the development of the chemical patrimony of the academic laboratories. It supports the constitution of local collections of substances, in a format standardized at the national level, maintains a database of available substances and allows interested people to contact the supplier laboratories.

The team "Systèmes d'Information Chimique" (part of the UMR 5076 CNRS-ENSCM) is in charge of the development and the management of the CN information system. Launched since September 2005, this system allows a large audience to access safely some 28.000 synthetic substances and 8.000 natural extracts, which are stored and conditioned in a standardized way by the participating laboratories. The number of referenced substances is growing regularly.

Besides these activities of service, CN supports a research workshop to conceive and test new calculated molecular descriptors.

The CN should be the model of a European Chemical Library, projected within the framework of the 7th PCRD. This new collection of molecules would constitute the largest academic library, since the library of the NIH is a commercial one and since of "big pharma" are not opened to the public. The principal goal is to promote collaborations at a European level between academic chemistry laboratories and biology laboratories, both academic and private.

Some useful links:

- <http://chimiotheque-nationale.enscm.fr>
- <http://sic.enscm.fr>

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