

# General rules of operation and access to the substances

## 1- General rules of operations

The objective of this website is to support **scientific** exchanges between teams wishing to evaluate synthesis substances, natural compounds or natural extracts and the French public laboratories having these products available. These laboratories are responsible for distributing their own products. The "Unité Support de ChemBioFrance - Chimiothèque Nationale" (USCBF-CN) represents these laboratories, centralizes the requests for products and connects "applicants" and "suppliers". For confidentiality reasons, the identity of the laboratories supplying synthesis substances and natural compounds is not directly communicated to the users: all compounds requests are handled initially by the USCBF-CN which forwards them to the relevant GIS ChemBioFrance[CBF] laboratories.

## 2- Query processing

Once registered on the ChemBioFrance website, you can request products by :

- 1) selecting individual compounds in solution ;
- 2) selecting all Chimiothèque Nationale [CN] compounds in solution (total screening) ;
- 3) selecting the Essential Chemical Library (CNE) (a sub-library of 640 substances selected by maximal structural diversity from all compounds of CN database)

To validate your request, you must specify the study object in a letter of intent. The USCBF-CN will forward your collaboration request to the relevant laboratories. If they give their agreement to start the collaboration, a transfer agreement (Cf. Material Transfer Agreement) will be established by the USCBF-CN and transmitted to all concerned parties for signature. This document protects everyone's rights.

Once the MTA signed by all concerned parties, our partner EVOTEC will contact you for the schedule shipment of the requested substances.

## 3- Packaging

For the screening of all Chimiothèque Nationale compounds, products are provided "ready for screening" (microplates 384 or 96); from 30 to 300 nL (depends on your test) at 5 mM.

For the other screening, products are provided on microplates (96 or 386 wells), from 1 to 3  $\mu$ L (depends on your test) at 5 mM.

The correspondence table well:structure will be provided for requests concerning less than 30 compounds ; beyond this threshold, you have to make a specific request in the letter of intent. Each laboratory concerned are free to accept or refuse to give you the correspondence table well:structure for their products.

Starting from September 1st 2016, if you wish to request compounds in bulk, CBF will put you in connection with the laboratory concerned.

#### 4- Sharing results and publications

Once your tests finished, you will send a short report of realized experiment(s) to the USCBF-CN, containing a table of results for all requested compounds. In accordance with the terms of the MTA, the laboratories concerned by the collaboration will receive your report and the results for their own products only. The USCBF-CN will keep the results, respecting the confidentiality principles of the MTA.

If you plan to write a publication relating to the assays realized during this collaboration, you have to contact the laboratories concerned by the compounds for their agreement. Thank you to add in the acknowledgement part of the publication :

"The authors acknowledge the French National Chemical Library (<http://chembiofrance.org>) for providing the products."

#### 5- After the screening

Following a screening of compounds, you can request (by the USCBF-CN), microplates for confirmation and/or for dose-response, corresponding to the selected hits, to refine the screening or realize some further validation tests.

In case of confirmed hits, the chemists can accompany you in their development or if he does not wish to participate in the development, the USCBF-CN opens the collaboration proposal to the other teams of GIS ChemBioFrance.

#### 6- Financial contribution

A contribution for conditioning, file management and shipping will be requested. Starting from November 4th, 2020, the contribution cost is fixed as follows:

- Products in DMSO solution:

A quote will be provided according to the quantity of products and packaging selected.

- CNE : **2,000€** exclusive of taxes
- Products in bulk : 20 €/mg exclusive of taxes

The CN products are not for sale. If you wish to buy products, the USCBF-CN will put you in touch with the concerned GIS laboratories.

#### 7- Screening process

**The screening process**

