

CRELUX and BICOLL jointly offer natural compound libraries from Asian plants and workflows for fast and efficient screening

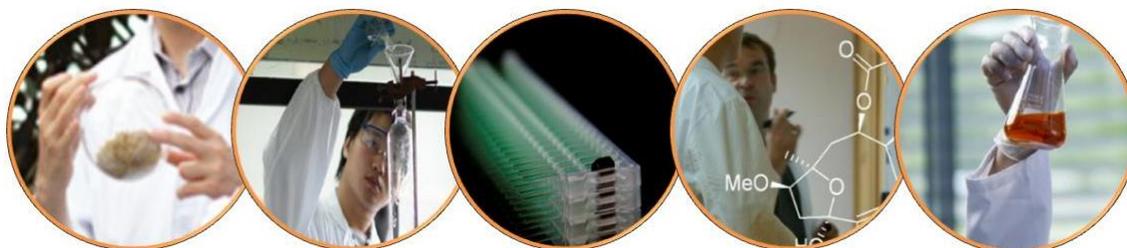
▷ Access to bioavailable and potent natural compounds from CRELUX and BICOLL

CRELUX has been collaborating with BICOLL to identify novel ways to access highly potent drugs. A three-year collaboration has been funded by a grant from the German ministry of economics. Read more (German only): (http://www.zim-bmwi.de/erfolgsbeispiele/schneller-zu-medizinischen-wirkstoffen/at_download/file).

The definition of disease relevant proteins is usually the first step in the process of drug discovery. The challenge is then to get fast access to active substances that can be used in animal proof of concept. CRELUX and BICOLL now offer their clients individualized services to find novel small molecule hits at an attractive price.

Collaborating with BICOLL enabled us to gain access to a novel screening library. In addition to CRELUX's fragment screening and virtual high through-put screening this library provides a third route for the quick identification of active hit compounds.

The collaboration started with a collection of active molecules extracted from a unique pool of endemic Asian plants. Novel extraction methods were developed and libraries were assembled using BICOLL's Bifrac N™ and Bipreselect™ technologies. Our libraries consist of smaller compounds ranging of 250-400 Da. The compounds cover a huge chemical diversity, are highly bioavailable and predominantly well soluble. Thus, they are already equipped with ideal properties for subsequent testing in cellular systems and animal proof of concept.



A massive collection of selected plants has been fractionated, selected and profiled by BICOLL. By validating them with CRELUX's biophysical analytics platform INTRACT, active compounds have been identified and are now made available. To learn more about BICOLL also visit our partner's website at: <http://www.bicoll-group.com/>.



 **MEET us at**

Discovery on Target, September 22-24, Boston, USA
Bio Europe, November 4-6, Munich, Germany
PSDI, November 8-10, Munich/Tegernsee, Germany

 **CONTACT** CRELUX GmbH Dr. Michael Schaeffer schaeffer@crelux.com
Am Klopferspitz 19a D-82152 Martinsried +49 (0) 89 700760-0
www.crelux.com