

Press Release

Europe grants Patent for ChromaCon's N-Rich® Process

Zurich, April 15th, 2015

The European Patent Office has granted patent no. 2772289 for ChromaCon's novel N-Rich® process technology. The N-Rich® process is a novel chromatographic process principle based on a twin-column configuration, offering significant advantages for the enrichment and purification of minor compounds amidst an excess of other compounds. The process principle is particularly suitable for isolation of product-related impurities and for the isolation of biomarkers and other proteomic applications. It is applied on the Contichrom® CUBE equipment using the ChromIQ® software. Once designed from a batch chromatogram using a user-friendly process wizard, the N-Rich® process runs fully automatically, potentially saving weeks of work including tedious repetitive HPLC analytical separations and fraction analyses.

The process principle consists of the selective chromatographic enrichment of target compounds that elute at a defined time-point and at the same time the depletion of overlapping non-target compounds. In this way, an enrichment of the target compound by hundred- or even thousand-fold can be achieved in an automated way.

To find out more about N-Rich® and ChromaCon please contact us directly or visit our website www.chromacon.com

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About ChromaCon

ChromaCon AG is a private Life Science Tool company located in Zürich, Switzerland, providing novel, best-in-class chromatographic process solutions to the biopharmaceutical industry. ChromaCon has developed and patented process principles, process control, equipment designs and operating software for cyclic and continuous chromatography, providing significant CAPEX and OPEX cost savings and enabling scalable chromatographic solutions for large scale purification applications. Its Contichrom® entry-stage equipment is co-marketed worldwide with its partner Knauer (Germany). ChromaCon has provided global licenses for its process technologies to LEWA for implementation into scale-up systems. In addition, ChromaCon develops and markets affinity purification solutions for column and membrane chromatography applications and tools for site-specific protein conjugation.