

## PRESS RELEASE

## US Patent Institutions recognize the patentability of Institut Pasteur/Collectis early inventions on Meganucleases

**Paris, February 5, 2014 – Collectis (Alternext: ALCLS), the genome engineering specialist, announced that, by the turn of the year, the US Patent and Trademark Office (USPTO) and the Courts of Appeal for the Federal Circuit (CAFC) independently recognized the merits of Collectis and Institut Pasteur's early inventions on meganucleases.**

Their decisions awarded the efforts made by Collectis over the last ten years to advocate that meganucleases were originally invented by Collectis and Institut Pasteur's researchers.

**1 - On December 30, 2013, the CAFC overturned an ill-founded decision by the USPTO dated March 2012, which had invalidated three patents filed by Institut Pasteur (US 7, 309, 605; US 6, 610, 545 and US 6, 833, 252).**

These patents were broadly protecting the use of meganucleases to genetically engineer living cells. The USPTO erroneously considered during reexamination proceedings that all three patents were lacking inventive step. At that time, Collectis, as the exclusive licensee of Institut Pasteur, did not admit the grounds of this decision and decided to subsequently request its revision before the Court of Appeal for the Federal Circuit. The Court, in its judgment dated December 30, 2013 (Institut Pasteur & Université v. Forcarino), reversed said decision "*as based on factual findings unsupported by substantial evidence and an erroneous obviousness analysis, including an improper discounting of Pasteur's objective indicia of non-obviousness*". As a result, the USPTO will have to partly re-issue the patents owned by Institut Pasteur.

**2 - On January 7, 2014, the USPTO issued additional patent to Collectis on meganucleases derived from I-Crel (US 8, 624, 000).**

US 8, 624, 000 patent follows another patent issued on September 10, 2013 (US 8, 530, 214), while two others have been allowed on December 6 and 26 respectively based on US 13/422, 902 and 13/556, 206. The four patents broadly cover the inventions made by Collectis researchers (Arnould, Pâques, Duchateau and others), consisting of reprogramming meganucleases to target and cut new DNA sequences into genomes.

### About Collectis

Collectis is a biopharmaceutical company focused on oncology. The company's mission is to develop a novel generation of therapy based on allogeneic T-cell to treat cancer. Collectis capitalizes on its 14 years of expertise in genome engineering -based on TALEN™, meganuclease, and, the state-of-the-art electroporation technology Pulsagile- to create the 4<sup>th</sup> generation of cancer immunotherapy to treat leukemia and solid tumors. Collectis adoptive cancer immunotherapy to cure chronic and acute leukemias is based on the first allogeneic T-cell Chimeric Antigen Receptor (CAR) technology. CAR technologies are designed to target cell surface antigens expressed on cells. These treatments reduce toxicities associated with current chemotherapeutics and have the potential for curative therapy.

The Collectis Group is focused on life sciences and use leading genome engineering technologies to build innovative products in various fields and markets.

Collectis is listed on the NYSE Alternext market (ticker: ALCLS). To find out more about us, visit our website: [www.collectis.com](http://www.collectis.com)

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