PRESS RELEASE

ERYTECH strengthens its intellectual property position in the US

- **Patent covering ERY-ASP in pancreatic cancer granted in the US**
- **Term of core encapsulation patent further extended until 2030**

Lyon (France), April 21, 2015 – ERYTECH (Euronext Paris: ERYP & OTC US: EYRYY), the French biopharmaceutical company that develops innovative 'tumor starvation' treatments for acute leukemia and other oncology indications with unmet medical needs, announces the strengthening of its intellectual property portfolio in the United States with the granting of a new patent and the further extension of the patent term of its core process patent.

The patent entitled "*Medicament for the Treatment of Cancer of the Pancreas*" has been granted in the US under number US 8974802. It covers the use of ERY-ASP[1], ERYTECH's lead product, for the treatment of pancreatic cancer (currently in Phase II clinical trial). In accordance with the mechanism of Patent Term Adjustment, the USPTO, the Amercian patent office, has added almost a year of additional protection, bringing the validity of the patent term until October 2029. The patent was filed end 2007 and has since been granted in Europe, Australia, Israel and Singapore.

Separately, the USPTO has granted an additional one and a half years of patent term adjustment to ERYTECH's core process patent entitled *"Lysis/Resealing Process for Preparing Erythrocytes"* (US 8617840). This patent had already received almost four years of additional protection according to the American Patent Term Adjustment legislation (cf. press release of December 20, 2013). Following a recent recalculation of the patent term, requested by ERYTECH, the USPTO granted one and a half year of additional patent term, bringing the validity of the patent until 2030. So doing ERYTECH has in total been able to obtain five years of addition protection for this core patent that covers the heart of its encapsulation technology and products like GRASPA®/ERY-ASP.

In both cases, the patent term could further be extended with a maximum of five years on the basis of future marketing authorizations.

About ERYTECH and ERY-ASP/GRASPA®: www.erytech.com

Created in Lyon in 2004, ERYTECH is a French biopharmaceutical company providing new prospects for cancer patients, particularly those with acute leukemia and selected solid tumors.

By encapsulating the asparaginase enzyme in red blood cells, ERYTECH has developed ERY-ASP/GRASPA®, an original treatment that targets cancer cells through "tumor starvation" while significantly reducing the side effects for patients. ERY-ASP/GRASPA® has recently announced positive Phase III data in Acute Lymphoblastic Leukemia (ALL) and is in Phase IIb clinical trial in Acute Myeloid Leukemia (AML) in Europe. The product is also in Phase I/II clinical development in ALL in the USA.

[1] ERY-ASP is the name used for GRASPA® outside Europe and for indications other than ALL and AML. The GRASPA® brand name has been licensed to Orphan Europe for the commercialization of the product in ALL and AML in Europe.

Every year about 50,000 patients are diagnosed with Acute Lymphoblastic Leukemia (ALL) or Acute Myeloid Leukemia (AML), the two forms of acute leukemia. Today, for about 80% of these patients, mainly adults and relapsing patients, current forms of asparaginase cannot be used due to their toxicity. With a presumed improved safety profile, ERY-ASP/GRASPA® is being developed to allow all leukemia patients to be treated, even the most fragile ones, representing a market opportunity of more than EUR 1 billion.

The company is also developing other indications in solid tumors and certain orphan indications outside oncology. A Phase II study in pancreas cancer is ongoing and the company is exploring other solid tumor indications for ERY-ASP.

ERYTECH has obtained orphan drug designations for ERY-ASP/GRASPA® in ALL, AML and pancreas cancer, both in Europe and the USA, and has its own GMP-approved and operational manufacturing site in Lyon (France), and a site for clinical production in Philadelphia (USA).

The company has concluded licensing and distribution partnership agreements for ALL and AML in Europe with Orphan Europe (Recordati Group), and for ALL with TEVA in Israel.

ERYTECH is listed on Euronext regulated market in Paris (ISIN code: FR0011471135, ticker: ERYP) and is part of the CAC Healthcare, CAC Pharma & Bio, CAC Mid & Small, CAC All Tradable, EnterNext PEA-PME 150 and Next Biotech indexes. ERYTECH is also listed in the US under an ADR level 1 program (OTC, ticker EYRYY).

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Forward-looking information

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