

Press release

DEINOVE EXPANDS ITS INNOVATIVE ANTIBIOTIC PORTFOLIO BY SIGNING A LICENSE OPTION AGREEMENT WITH REDX PHARMA

- The program developed by REDX PHARMA focuses on a new class of antibiotics aimed at treating the most lethal infections (caused by resistant Gram-negative bacteria).
- DEINOVE acquires an option (exercisable by the end of 2018) for a license on a series of molecules about to enter preclinical development.
- REDX PHARMA, having decided to focus on other therapeutic areas, entrusts DEINOVE with the next steps to optimize its anti-infective program.
- This agreement, in line with DEINOVE's strategy to develop a genuine pipeline of innovative antibiotics, is an ideal complement to the early-stage developments undertaken as part of the AGIR (Antibiotics Against Resistant Infectious Germs) project.

Montpellier, 22 March 2018 (8:00 am CET) – DEINOVE (Euronext Growth Paris: ALDEI), a biotech company that discovers, develops, and produces high-value compounds from rare bacteria, **announces having signed a license option agreement with the British company REDX PHARMA (AIM: REDX) for the acquisition of their first-in-class¹ anti-infective program, *Novel Bacterial Topoisomerase Inhibitor (NBTI)*, targeting Gram-negative infections.**

The World Health Organization (WHO) estimates that the development of resistant bacteria could cause 10 million deaths per year by 2050 if no innovative treatment is developed. DEINOVE has made the research of new antibiotics a major axis of development.

In addition to the AGIR program², which consists of the systematic exploration of new bacterial strains with antibiotic activity, DEINOVE today acquires an optimized program targeting multi-resistant Gram-negative bacteria such as *Acinetobacter baumannii* and *Pseudomonas aeruginosa*. These bacteria are part of the list of the 12 most dangerous pathogens for human health, published by the WHO in 2017. They are responsible for diseases such as hospital acquired pneumonia, which affects 750,000 patients per year in Europe and the United States.

The NBTI program developed by REDX covers a new class of antibiotics targeting bacterial type II topoisomerase. It was selected in 2017 (along with 10 other programs among 168 applications) by the CARB-X consortium, one of the world's largest public-private initiatives supporting research and innovation against antibiotic resistance. This program is undergoing optimization and a thorough *in vivo* evaluation confirming its potential in terms of both efficacy and safety. DEINOVE will continue the optimization and selection work for a possible regulatory preclinical entry of one or more molecules.

¹ With a new mechanism different from existing drugs, as defined by the FDA

² AGIR (Antibiotics Against Resistant Infectious Germs) benefits from the support of the 'Investments for the Future' Program to a level of € 14.6 million

The synthetic molecules contained in the NBTI program perfectly complement the natural products derived from the DEINOVE strains. These two parallel programs enable DEINOVE to tackle the problem of antimicrobial resistance by a global approach.

The agreement signed today is for an exclusive licensing option, with DEINOVE having nine months to confirm its interest in this series of molecules and exercise the option. The transaction includes an upfront payment and a supplement to the exercise of the option.

"DEINOVE has powerful tools and a strong team to quickly develop the NBTI program. In 2017, we announced our commitment to concentrate on the development of our cancer and fibrosis products and we are pleased to have found an ambitious partner for our NBTI anti-infective program," said Iain ROSS, Executive Chairman of REDX PHARMA PLC.

Emmanuel PETIOT, CEO of DEINOVE, added: *"We are delighted to begin this new chapter, which illustrates the continuity of our objectives of developing new antibiotics, and strengthens our strategic position. This agreement gives us access to an advanced program targeting priority pathogens, which has already delivered compelling preclinical data, allowing us to expand our antibiotic activity, always with the goal of creating value quickly."*

ABOUT REDX PHARMA PLC

Redx is a UK biotechnology company whose shares are traded on AIM (AIM: REDX). Redx is focused on creating and developing first, or potentially best in class drugs, in specific areas of cancer and fibrosis that address significant unmet medical need. Redx has an in-house discovery team with proven world-class chemistry capabilities.

ABOUT DEINOVE

DEINOVE (Euronext Growth Paris: ALDEI) is a biotech company that discovers, develops and produces high added-value compounds from rare microorganisms for use in the fields of health, nutrition and cosmetic markets. To do so, DEINOVE draws on two key assets:

- a unique library of 6,000 rare or unexploited bacterial strains;
- a genetic, metabolic and fermentation engineering platform capable of customizing these natural "micro-factories" to transform them into new industrial standards.

Based in Montpellier, DEINOVE employs approximately 55 employees and has nearly 130 international patents. The Company has been listed on Euronext Growth since April 2010.

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