

Evolva to present promising novel antibiotic at Superbugs & Superdrugs conference

Reinach, Switzerland, 5 March 2012 - Evolva Holding SA (SIX: EVE) today announced that Chief Scientific Officer Prof. Jutta Heim, will present data on Evolva's promising novel antibiotic EV-035 at the conference "Superbugs & Superdrugs – A Focus on Antibacterials" in London on Monday 5 March 2012, at 1.45 PM (GMT).

The presentation titled "Safe drugs for bad bugs – EV-035, a new topoisomerase inhibitor", will provide an overview of preclinical data generated to date.

EV-035 is a novel bacterial type II topoisomerase inhibitor, belonging to the chemical class of 2-pyridones. EV-035 shows excellent broad-spectrum activity, including pathogens such as *Staphylococcus*, *Streptococcus*, *Enterococcus*, *Escherichia*, *Pseudomonas*, *Acinetobacter* and *Haemophilus*. Most importantly, EV-035 shows activity not only on drug-sensitive strains, but also on those resistant to marketed antibiotics (including quinolones) and has a very low propensity of developing new resistance.

EV-035 has a very favourable *in vitro* safety profile and its pharmacokinetic properties allow for intravenous as well as oral dosing. In preclinical infection models, EV-035 shows oral efficacy against Gram-positive and Gram-negative pathogens. The spectrum of EV-035 also extends to potential biothreat agents such as *Burkholderia pseudomallei*, *Burkholderia mallei*, *Yersinia pestis*, *Bacillus anthracis*, *Francisella tularensis*, and *Brucella abortus*, work which was to date part-funded by the US Department of Defense. Apart from potential use in biodefense, Evolva owns all rights to EV-035 and has patent applications covering this portfolio.

Neil Goldsmith, CEO of Evolva commented, "We are excited about presenting our novel antibiotic EV-035 for the first time to the medical and scientific community. Multidrug resistant superbugs have brought us on the verge of a healthcare crisis. Thousands die each year due to inadequate treatment of bacterial infections, acquired in the hospital or the community. Rising bacterial resistance is even jeopardising the stunning progress made in medical practise in the past decades. There is clearly a pressing, unmet medical need to which we hope to contribute with our EV-035 2-pyridone."

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About Evolva Holding SA

Evolva's mission is to discover and provide innovative, sustainable ingredients for health, nutrition and wellness. Evolva uses biosynthetic and evolutionary technologies to create and optimise small molecule compounds and their production routes. Our approach differs from that of the mainstream in the pharmaceutical and chemical industries. We are active in pharma (infectious disease and complications of diabetes) as well as in consumer healthcare and nutrition (food ingredients, personal care and crop protection). In both areas we have partnered projects as well as proprietary programmes. For more information see www.evolva.com.

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