

Evolva initiates multiple ascending dose study with EV-077

Reinach, Switzerland, 16 December 2010 – Evolva Holding SA (SIX: EVE), today announced it has initiated a multiple ascending dose Phase I clinical study with an extended release oral formulation of EV-077.

An earlier first-in-man single ascending dose study with an oral solution of EV-077 indicated that it was a potent, fast-acting and reversible inhibitor of platelet aggregation. Subsequent formulation development work to optimise the pharmacokinetic profile has led to four different extended release oral formulations being evaluated in a four-way crossover study involving 12 healthy volunteers and conducted in Germany. The study demonstrated that all formulations were well tolerated, and identified a lead candidate that could optimise exposure.

The selected extended release formulation will be evaluated in a multiple ascending dose study to be conducted in Germany, and for which ethical and regulatory approval has been received. The aim of the study is to determine the optimal dose range for Phase II. The study will involve 32 volunteers and is expected to complete in the first half of 2011.

Dr. Alexandra Santana Sorensen, President of Evolva and responsible for compound development said: "We are very pleased with the progress made in the development of an extended release formulation of EV-077, which will now allows us to establish the pharmacodynamic and safety profiles of repeat administration of increasing doses, and which takes us a step closer to establishing proof-of-concept in a patient population."

EV-077 (full name EV-077-3201-2TBS) is a new chemical entity, with a different mode of action from existing drugs that is being developed for renal and cardiovascular indications, in particular proteinuric kidney diseases and anti-platelet indications.

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About Evolva Holding SA

Evolva is an international, innovative synthetic biology company with a world-class research platform. Evolva strives to improve people's lives by applying its technology and other resources to the discovery and development of new products and processes that benefit the

health, well-being and financial economy of patients, consumers and partner companies around the world. Evolva uses biosynthetic and evolutionary technologies to artificially 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 have discovery partnerships ongoing both in pharma and industrial areas. In addition we have a pipeline of promising compounds aimed at infectious and cardio-renal indications. For more information see www.evolva.com.

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