

## **A new collaboration for enzyme optimization between Syngenta and Protéus SA**

Nîmes, France - May 30, 2016 –

Industrial biotechnology firm Protéus, a member of PCAS Group, has announced a new collaboration with Syngenta Crop Protection, LLC to optimize the properties of an enzyme, using Protéus proprietary directed evolution tools.

Since 2008, Syngenta and Protéus have entered into different research and development agreements that have led to significant improvements in enzyme performance. The patented technologies used, named L-Shuffling™ and Evosight™, have a long track record of enzymes optimization in terms of specific activities and/or processes stabilities and/or substrates specificities.

With these powerful tools, enzyme engineering enables cost effective industrial applications of biotechnologies, in many fields of Life Science, such as Health, Fine & Speciality Chemistry, Environment and Bioenergy.

### **About Protéus, member of PCAS group**

Protéus ([www.proteus.fr](http://www.proteus.fr)) is a biotech company founded in 1998, specialized in developing and implementing sustainable industrial processes using enzymes and microbial strains. To fulfill this mission, Protéus has a portfolio of proprietary technologies including an exclusive collection of microbial biodiversity, technologies for enzymes engineering and microbial strains optimization, as well as a platform for enzymes production and formulation making possible their industrial use. Integrated in the fine chemicals group PCAS ([www.PCAS.com](http://www.PCAS.com)), Protéus also benefits of the capabilities and industry expertise of the group.

### **About Syngenta**

Syngenta is a leading agriculture company helping to improve global food security by enabling millions of farmers to make better use of available resources. Through world class science and innovative crop solutions, our 28,000 people in over 90 countries are working to transform how crops are grown. We are committed to rescuing land from degradation, enhancing biodiversity and revitalizing rural communities. To learn more visit [www.syngenta.com](http://www.syngenta.com) and [www.goodgrowthplan.com](http://www.goodgrowthplan.com). Follow us on Twitter® at [www.twitter.com/Syngenta](https://www.twitter.com/Syngenta)