Press release

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Fluxome to strengthen its technology platform through extensive European modeling tool project

The BioPreDyn Project aims at the development of novel computational tools, methods, and algorithms, and will integrate these into a user-friendly software platform. The project has a EUR 2.9 million budget and will among other things enable Fluxome to further improve the production processes for nutraceutical ingredients.

Fluxome takes up the role as industrial partner in an ambitious European project aiming at the development of novel computational tools, methods, and algorithms, and the integration of these into a user-friendly software platform for research institutions as well as companies such as Fluxome operating in the industrial biotech sector. In the long run, these new modeling tools will allow the design and optimization of biotechnological production processes in a reliable, predictive and quantitative way.

Fluxome will benefit significantly from this project as it will enable the further improvement of production processes for nutraceutical ingredients. The final outcome will be an even stronger technology platform, which will improve Fluxome's ability to screen product ideas as well as develop and produce high quality nutraceutical ingredients for the dietary supplements, food, beverage and cosmetics industries.

"We are very excited to be part of this project as it will allow us to work with the leading researchers in the area of computational tools, speed up our research and development activities and provide useful methods to support our cutting edge technology platform", states Director of R&D at Fluxome Jean-Marie Mouillon.

"I believe this is something that can support and shorten the time it takes to convert a promising idea into an attractive commercial product. In that sense, I think this project can expand the market opportunities and widen the range of product candidates Fluxome can pursue in the future", adds Marketing Director at Fluxome Mads Bjørnhof.

New **Bi**oinformatics Methods and Tools for Data-Driven, **Pre**dictive **Dyn**amic Modelling in Biotechnological Applications (BioPreDyn project) will include 8 academic labs and 3 industrial partners from countries all across Europe. It is a three-year project with a budget of €2.9 million from the 7th Framework Program of the European Commission.

The project is coordinated by the Centre for Genomic Regulation (CRG) in Barcelona, which will be responsible for developing innovative solutions by embracing collective expertise and synergies between interdisciplinary areas such as database development, scientific visualization methods, statistics, machine learning, mathematical modeling and biotechnological engineering.

Julio R. Banga (CSIC, Vigo) - one of the scientific coordinators of the project - emphasizes that *"BioPreDyn presents a holistic approach to model building in bioinformatics and systems biology" targeting both fundamental theory and real-world applications".* His colleague and co-coordinator Johannes Jaeger, points out that the project is indispensable as it *"aims at creating an integrated suite of robust and solid methods to empower data-driven modeling for the systems biology and biotechnology of the future, shortening the lag time from ideas to the market"*.

For more information please visit our website (www.fluxome.com), the website of BioPreDyn (www.biopredyn.eu) or contact Mr. Jean-Marie Mouillon (jmm@fluxome.com) Director of Research & Development at Fluxome.