

OpGen Announces Partnership with Applied Maths to Provide Bioinformatics Analysis Software for Whole Genome Mapping

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Gaithersburg, Md.—June 3, 2013—[OpGen, Inc.](#), today announced the company has entered into a strategic collaboration with Applied Maths NV, the market leader in bioinformatics and analytical solutions for public health and research laboratories, to provide advanced software tools for microbial genomics and molecular strain typing. Under the agreement, Applied Maths has incorporated a Whole Genome Mapping module into the company's new BioNumerics 7 software suite, providing customers with seamless access to a new set of analytical tools for molecular typing and comparative genomics of microbial pathogens.

“We are pleased to be working with Applied Maths to enable our public health, biodefense and microbial research customers access to Applied Maths' BioNumerics analysis suite,” said Douglas White, chief executive officer of OpGen, Inc. “The Applied Maths software and database analysis suite will provide a flexible, integrated solution that will enable broader adoption of Whole Genome Mapping.”

“The efficient management of food-borne pathogen outbreaks through enhanced approaches for epidemiological surveillance requires the rapid detection of potential outbreaks and improved molecular typing solutions,” said Koen Janssens, chief executive officer of Applied Maths. “We are pleased to be able to offer our customers access to OpGen's Whole Genome Mapping technology in the recently released version of our BioNumerics software suite, enabling a one-stop application to distinguish between bacterial strains when analyzing disease outbreaks. This integrated solution will enable researchers to strain type and identify responsible pathogens in a timelier manner, which is crucial to limit outbreaks in time and scope and appropriately treat patients with food borne illnesses.”

About OpGen, Inc.

OpGen, Inc., is a leading innovator in rapid, accurate genomic and DNA analysis systems and services. The company's Whole Genome Mapping™ Technology, GenomeBuilder™ Software and MapIt® Service provide high resolution, whole genome maps for strain typing, sequence assembly and finishing, and comparative genomics in the healthcare, public health, and life sciences markets. OpGen's powerful technology dramatically improves the quality of data and time-to-results by providing sequence information from single DNA molecules more rapidly and less expensively than previously possible. The company is dedicated to positively influencing individual healthcare outcomes, enhancing public health, and advancing scientific research by delivering precise, actionable information and results. OpGen's customers include federal and state public health laboratories, hospitals, leading genomic research centers, biodefense organizations, academic institutions, clinical research organizations and biotechnology companies. For more information, visit www.opgen.com.

About Applied Maths

Applied Maths, a bioinformatics company, was founded in 1992 and incorporated in 1994. Since then, it has gained global recognition with its software for the analysis of electrophoresis patterns. The company has acquired a unique market

position with BioNumerics, a software suite for integrated databasing and analysis of all kinds of biological data. BioNumerics has developed into a multi-faceted platform combining databasing and analysis technologies, with numerous applications in research and surveillance, including bacterial and viral epidemiology and profiling, plant improvement, human genetics and biotechnology.

Applied Maths combines extensive expertise in bioinformatics and unique mathematical know-how to develop the most powerful and fastest algorithms for pattern recognition and matching, data mining, screening and clustering. In so doing, the company fulfills a critical requirement in the bioinformatics industry for obtaining and analyzing greater and more complex data sets. The impact of Applied Maths' software is evidenced by referrals in thousands of scientific publications and an impressive portfolio of customers throughout the world. The BioNumerics software platform is used in many prestigious international projects and mission-critical networks. Applied Maths has units in Sint-Martens-Latem (Belgium) (head office) and Austin (USA). For further information, please visit the company's website: <http://www.applied-maths.com>.