Media Contact:
Georgina L. Chapman
Business Development
AEgis Technologies Group
256-922-0802 ext. 1588
gchapman@AEgisTG.com
www.AEgisTG.com

Nanogenesis to Introduce ADME WorkBench at Annual Society of Toxicology Conference
In San Antonio on March 10-14, 2013

Huntsville, Alabama - February 23, 2013. Nanogenesis, a Division of The AEgis Technologies Group, Inc. will present ADME WorkBench, a new addition to the Nanogenesis Life Sciences family of tools for PK/PD/PBPK modeling, computational biology, and risk assessment, at the Annual Society of Toxicology conference in San Antonio, Texas on March 10-14, 2013.

Newly available in 2013, ADME WorkBench is a versatile software application providing flexible, robust pharmacokinetic modeling by integrating state-of-the-art absorption, distribution, metabolism and excretion methods. Designed for business and research applications in toxicology and pharmacology, ADME WorkBench supports pharmacokinetic prediction from available in vitro and/or in vivo data for drugs and environmental chemicals. The ADME WorkBench user interface offers a highly optimized workflow for predictive pharmacokinetics, while allowing ample flexibility to adapt to specific research needs. The pharmacokinetic models used in ADME WorkBench are based on research resulting from the PhRMA CPCDC Initiative on Predictive Models of Human Pharmacokinetics, and described in a series of articles published in the Journal of Pharmaceutical Sciences in 2011. Extension of the models and implementation in ADME WorkBench has resulted from an ongoing scientific collaboration between Dr. Patrick Poulin and Nanogenesis.

"We are excited to provide the toxicology and risk assessment community a powerful new platform which offers scientists a wide variety of predictive PK techniques which doesn't depend on black-box proprietary models," said Director of Nanogenesis Life Sciences, Conrad Housand. "This release is the culmination of almost two years of collaboration, development and testing, and we look forward to incorporating even more capabilities in the coming year."

(more)

Current ADME WorkBench capabilities include:

- Support for several state-of-the-art PK prediction techniques, including whole-body and lumped physiologically-based pharmacokinetic (PBPK) models, and allometry based on the Wajima approach
- PBPK models which include advanced GI uptake models (ACAT), support for both linear and nonlinear kinetics, and an advanced liver model
- Support for end-user customization of any of the provided PBPK models
- A choice of prediction methods depending of the availability of preclinical data either determined in vitro and/or in vivo in single or multiple species
- Ability to integrate values of ADME parameters predicted from a broad range of methods
- Ability to simulate a single compound or multiple compounds in batch mode
- Simulation of tissue concentration at the macro level (whole organ) and micro level (cell, interstitial fluid) either for the bound or unbound drug condition

About AEgis Technologies

AEgis Technologies is a privately held small business headquartered in Huntsville, Alabama, USA, that provides advanced technology and expert consulting services to industries throughout the world. AEgis specializes in modeling & simulation (M&S) and micro/nanoscale technology development. The Nanogenesis Division of AEgis has the mission of delivering innovative nanotechnology solutions that have a positive life-changing impact. This creative group excels in advancing cutting edge technology from concept to deployment with applications ranging from defense to energy to biotech. ADME WorkBench is the latest addition to their Life Sciences family of products.

AEgis has enjoyed steady growth with revenues increasing to $60 million in sales and employment of 265+ professionals. AEgis has been instrumental in the acceptance of M&S as a profession, as a graduate program of study among many colleges and universities and in the creation of an M&S standards and professional certification across the international M&S professional community-of-practice. Since its founding in 1989, AEgis is committed to honesty and integrity and was recognized for its honorable business practices by receiving the Better Business Bureau's Torch Ethics Award. The company's highly skilled work force is dedicated to building lasting relationships and providing superior products and services to our customers.

AEgis corporate headquarters are located at 410 Jan Davis Drive, Huntsville, AL 35806; Tel: 256-922-0802; Fax: 256-922-0904; Web: http://www.admewb.com, http://www.nanogenesisgroup.com, and http://www.aegistg.com

Follow us on Twitter @nanogenesis and @AEgisTG. Nanogenesis and ADME WorkBench are trademarks of The AEgis Technologies Group, Inc.

####