



AGC Chemicals Americas, Inc.

Contact: Hiroko Tsukamoto, AGC Chemicals Americas, Hiroko.Tsukamoto@us.agc.com

AGC Showcases Protein Manufacturing Capabilities at the 2012 BIO International Convention

Boston, MA, June 18, 2012 – The ASPEX Division of AGC will showcase its capabilities for large scale production of proteins and other biologics at BIO2012. The company’s technical support team will be available to provide assistance and discuss projects at the AGC booth # 0788.

“We are offering expanded research and production support for biopharmaceuticals, using our proprietary ASPEX protein production system,” explained Hiroko Tsukamoto, Director of Business Development. ASPEX is a highly effective proprietary expression vector system using the yeast strain *S. pombe* which is a suitable host for production of a wide range of recombinant proteins used for biopharmaceuticals, diagnostics and industrial enzymes, Ms. Tsukamoto explained.

“We have the capability to manufacture proteins and other biomaterials used in clinical trial materials in a short period of time, which can shorten time to market and lower production costs,” she said. The company’s expertise includes separation technology for microorganisms, protein extraction technology, chromatography technology, and scale-up know-how.

AGC works with leading medical research schools as well as biopharmaceutical firms and biotech ventures. The company’s biopharmaceutical team provides research support, development of analytics and testing methods, and production of research and trial samples, as well as full commercial production. AGC’s GMP manufacturing facilities include 300L to 4,500L fermenters at its facilities in Yokohama and Chuba, Japan. Validation of results and quality control conform to ICH guidelines and other industry standards.

AGC has been researching recombinant protein production using fission yeast for more than 15 years, and has developed a wide variety of modified hosts, promoters and secretory signals, as well as processes for quality control, purification, validation of results, data analysis, etc.

In addition to recombinant protein production, AGC provides support for developing and working with other microbes including *E. coli* and other Yeast systems, covering all phases from process construction through scale increases and GMP manufacturing,

AGC offers biopharmaceutical research and production services, from preclinical research through clinical trials and commercial manufacturing. For more information about ASPEX, follow this website link <http://www.agc.com/english/aspex/index.html>.

AGC Chemicals Americas is headquartered in Exton, Pennsylvania. AGCCA is a subsidiary of Asahi Glass, a \$15.6 billion multinational corporation formed in 1907, one of the world’s largest manufacturers of chemical products, glass, electronic displays and related products.

###

