



Cytokinetics Announces Four Scientific Posters to be Presented at the 46th Annual American Society of Cell Biology Meeting

December 5, 2006 5:00 AM EST

South San Francisco, CA, December 5, 2006 - Cytokinetics, Inc. (Nasdaq: CYTK) announced today that four posters relating to its research programs will be presented at the 46th Annual American Society of Cell Biology (ASCB) meeting at the San Diego Convention Center (Halls C, D, E, F and G) in San Diego, CA to be held December 9-13, 2006. Details regarding the scientific presentations are provided below:

Monday, December 11, 2006, 12:00 pm – 1:30 pm: Session #216, Kinesin

1. Abstract #883: A Novel Mechanism of Kinesin Spindle Protein (KSP) Modulation: Small Molecular Activators of KSP Basal ATPase

Monday, December 11, 2006, 1:30 pm – 3:00 pm: Session #216, Kinesin

1. Abstract #866: Function Studies of Human Kip3 Kinesins
2. Abstract #876: Characterization of Motor-domain Mutants of the Mitotic Kinesin RAB6KIFL (Mklp2, Kif20a)

Wednesday, December 13, 2006, 12:00 pm – 1:30 pm: Session #417, Muscle: Biochemistry and Cell Biology II

1. Abstract #2257: Effects of the Cardiac Myosin Activator CK-1316719 on Excitation-Contraction Coupling in Ventricular Myocytes

About Cytokinetics

Cytokinetics is a biopharmaceutical company focused on the discovery, development and commercialization of novel small molecule drugs that specifically target the cytoskeleton. The cytoskeleton is a complex biological infrastructure that plays a fundamental role within every human cell. Cytokinetics' focus on the cytoskeleton enables it to develop novel and potentially safer and more effective classes of drugs directed at treatments for cancer, cardiovascular disease and other diseases. Under a strategic alliance established in 2001, Cytokinetics and GlaxoSmithKline (GSK) are conducting research and development activities focused towards the potential treatment of cancer and other indications. Cytokinetics and GSK are continuing collaborative research focused to translational research directed to the mitotic kinesin, centromere-associated protein E (CENP-E). GSK-923295, a CENP-E inhibitor, is being developed under the strategic alliance by GSK; GSK expects to begin clinical trials with GSK-923295 in 2007. Cytokinetics is responsible for the development of ispinesib and SB-743921, each a novel inhibitor of the mitotic kinesin, kinesin spindle protein (KSP). Ispinesib has been the subject of a broad clinical trials program comprising nine Phase II clinical trials as well as six Phase I or Ib clinical trials. Cytokinetics plans to conduct additional clinical trials with ispinesib and is conducting a Phase I/II trial of SB-743921 in non-Hodgkin's lymphoma. Cytokinetics' unpartnered cardiovascular disease program is the second program to leverage the company's expertise in cytoskeletal pharmacology. Cytokinetics recently completed a Phase I clinical trial with CK-1827452, a novel small molecule cardiac myosin activator, and is advancing CK-1827452 in both intravenous and oral formulations for the treatment of heart failure. Additional information about Cytokinetics can be obtained at <http://www.cytokinetics.com>.

This press release contains forward-looking statements for purposes of the Private Securities Litigation Reform Act of 1995 (the "Act"). Cytokinetics disclaims any intent or obligation to update these forward-looking statements, and claims the protection of the Safe Harbor for forward-looking statements contained in the Act. Examples of such statements include, but are not limited to, statements relating to the expected initiation, timing and scope and targeted indications of clinical trials within Cytokinetics' and its partners' clinical development and research programs, the potential benefits of Cytokinetics' drug candidates and potential drug candidates and the enabling capabilities of Cytokinetics' biological focus. Such statements are based on management's current expectations, but actual results may differ materially due to various factors. Such statements involve risks and uncertainties, including, but not limited to, those risks and uncertainties relating to decisions by GSK to postpone or discontinue research and/or development efforts for CENP-E under Cytokinetics' collaboration with GSK, difficulties or delays in patient enrollment for clinical trials, unexpected adverse side effects or inadequate therapeutic efficacy of Cytokinetics' drug candidates, and other potential difficulties or delays in development, testing, regulatory approval, production and marketing of Cytokinetics' drug candidates that could slow or prevent clinical development, product approval or market acceptance (including the risks relating to uncertainty of patent or trade secret protection for Cytokinetics' intellectual property, Cytokinetics' ability to obtain additional financing if necessary and unanticipated research and development and other costs), and changing standards of care and the introduction by others of products or alternative therapies for the treatment of indications currently or potentially targeted by Cytokinetics' drug candidates and potential drug candidates. For further information regarding these and other risks related to Cytokinetics' business, investors should consult Cytokinetics' filings with the Securities and Exchange Commission.