Invitrogen Adds Capabilities to PD-Direct™ Services with SimCell™ Technology

San Francisco, Calif., Nov. 6, 2006—Invitrogen Corporation, a leader in life science research, today announced the launch of expanded services for upstream process development incorporating BioProcessors’ SimCell™ Automated Management (SAM) robotic system. These services will be offered via PD-Direct™, Invitrogen’s integrated service for streamlined process development.

Based on the collaboration with BioProcessors Corporation announced earlier this year, the SimCell™ system now allows PD-Direct™ to bring greater process development power to its customers, and will initially focus on process optimization, platform process creation, and clone selection. The process optimization and platform creation programs will accelerate development of customized basal media formulations and feeding recipes through high-power experimental design approaches. Clone selection services will enable process development scientists to perform comprehensive studies of clone performance under varying media and process conditions.

“Together with Invitrogen’s expertise in cell culture media development, these new services will enable scientists to get the best data for engineering cell culture media and enhancing process performance,” said Bob Burrier, Vice President for Invitrogen Cell Culture Systems R&D.

Invitrogen is featuring the expanded services this week at the BioProcess International Conference & Exhibition in San Francisco.

About Invitrogen
Through PD-Direct™ services, Invitrogen brings together novel technologies to solve critical issues for bioproduction. PD-Direct™ delivers a wide selection of process development services, ranging from cell line development, to media optimization, to process characterization and scale-up for manufacturing. Invitrogen brings over a decade of experience in process development and manufacturing for cell culture and viral products. Invitrogen provides products and services that support pharmaceutical and biotech companies worldwide in their efforts to improve the human condition. For more information, visit www.invitrogen.com/pddirect.

About BioProcessors
BioProcessors Corp. is the leader in delivering micro-engineered solutions for biopharmaceutical process development applications for the biotechnology and pharmaceutical industry. BioProcessors’ SimCell Automated Management (SAM) robotic system is the first fully automated, high throughput system for bioprocess cell culture development capable of generating data scalable to large-scale bioreactors. SimCell innovation changes biopharmaceutical process development to make it faster, scalable, more accurate, and more cost effective. More information about BioProcessors’ SimCell technology can be found at www.bioprocessors.com.
Q: **What is the relationship between Invitrogen and BioProcessors?**

A: Invitrogen has entered into collaboration with BioProcessors and purchased a SimCell™ SAM system for the purpose of advancing upstream development. Invitrogen will integrate the SimCell technology within the services offered through the PD-Direct™ process development technology group. The relationship is built on combining Invitrogen’s expertise in process development science, cell culture media development and cell culture engineering with BioProcessor’s expertise with the enabling MicroBioreactor technologies incorporated in the SAM system. Invitrogen is offering, access to the SimCell technology on a fee for service contract process development basis.

Q: **When should I go to Invitrogen and when to BioProcessors?**

A: Invitrogen offers process development expertise and provides fee-based services to third parties through PD-Direct utilizing the SimCell system (described below). BioProcessors is focused on SimCell applications development and SAM installations. Don’t hesitate to contact anyone from either Invitrogen or BioProcessors and we will help direct your inquiry appropriately.

Q: **Does Invitrogen sell SimCell Robot Systems or components for the Robots?**

A: Invitrogen does not sell the SimCell Robot System or the components required to run the robot. During the course of a services relationship with Invitrogen, if a client becomes interested in purchasing a SimCell instrument, Invitrogen would refer all purchase related activities over to BioProcessors.

Q: **What are the services that Invitrogen offers using the SimCell system?**

A: Invitrogen offers several types of PD-Direct service projects utilizing the SimCell technology including: process optimization, platform process creation, and clone selection. As SimCell applications are extended and enhanced through the continuing technical collaboration between Invitrogen and BioProcessors, more services will be made available to our clients. If you are interested in a project type that is not listed here, we would welcome the opportunity to discuss it with you.

Q: **How do I find out more?**

A: For more information on Invitrogen’s services, visit [www.invitrogen.com/pddirect](http://www.invitrogen.com/pddirect) or contact us at [pd.direct@invitrogen.com](mailto:pd.direct@invitrogen.com). Likewise, more information on the SimCell system can be found at [www.bioprocessors.com](http://www.bioprocessors.com).