

FOR IMMEDIATE RELEASE

Micell Technologies Enrolls First Patient in DESSOLVE I First-In-Human Study of MiStent DES

*MiStent DES Delivers Sirolimus via Bioabsorbable Polymer;
Drug and Polymer are Designed to be Eliminated within 90 days with Optimized
Dissolution Kinetics*

DURHAM, N.C., November 29, 2010-- Micell Technologies,™ Inc. today announced it has enrolled at Mercy Hospital in Auckland, New Zealand, the first patient in DESSOLVE I (**DES** with **Sirolimus** and a bioabsorbable **pOLymer** for the treatment of patients with **de novo LESions** in the native coronary arteries), a first-in-human clinical trial of the company's investigational MiStent™ Drug Eluting Coronary Stent System (MiStent DES).

DESSOLVE I is a prospective, open-label, non-randomized, single-arm study that is expected to enroll 30 patients at five clinical sites in Belgium, Australia and New Zealand. Candidates for the trial are patients with documented stable or unstable angina pectoris or ischemia. The primary endpoint is in-stent late lumen loss, as measured with angiography in treated *de novo* lesions ranging in diameter from 2.5 to 3.5 mm and amenable to treatment with a maximum 23 mm long stent.

Along with secondary clinical endpoints such as major adverse cardiac events and revascularization rates, intravascular ultrasound (IVUS) and optical coherence tomography (OCT) will also be employed at multiple timepoints. The DESSOLVE I study uses multiple imaging modalities to better understand the time to complete tissue coverage of the stent struts relative to polymer absorption. More information on the DESSOLVE I trial can be found at <http://www.clinicaltrials.gov/ct2/show/NCT01247428>.

"Drug-eluting stents represent a significant advance in interventional cardiology," said John Ormiston, M.D., Mercy Hospital, Auckland, New Zealand, and co-principal investigator. "However, the rare but potentially catastrophic consequences of late in-stent thrombosis remain to be addressed. The MiStent DES is designed to maintain the polymer-drug matrix on the stent only as long as drug delivery is required. It slowly reverts to a bare-metal stent by the time that drug treatment is completed. These are exactly the properties that interventional cardiologists are looking for in a drug-eluting stent."

The **MiStent** DES employs Micell's proprietary [supercritical fluid technology](#) that applies a precisely controlled bioabsorbable polymer -- active drug (sirolimus) matrix onto a cobalt-chromium stent. The polymer dissolves and releases the drug into the surrounding tissue in a controlled manner, designed to optimize dosing of the drug throughout the affected artery. In

pre-clinical trials, the drug completely elutes and the polymer is eliminated within 90 days *in vivo* resulting in a bare metal stent.

[Arthur J. Benvenuto](#), Chairman and Chief Executive Officer of Micell, said, “We designed the MiStent DES to bring together the clinical advantages of a drug-eluting stent with the long-term safety and stability of a bare metal stent. Our supercritical fluid technology enables us to develop a drug-eluting stent with precise and consistent dissolution kinetics that can be adjusted for a specific requirement. In addition, we believe we can effectively manage the development risk since all components -- the active drug, sirolimus; the polymer material, PLGA; and the CE Marked Genius MAGIC Cobalt-Chromium stent -- are currently on the market. Our technology also does not expose the polymers, drugs or stents to the conventional liquid solvents that are used in the manufacturing process.”

About the MiStent DES

The MiStent™ DES is a drug-eluting stent that is being designed to allow precise control of both drug release and pharmacokinetics. Micell's proprietary surface modification technology provides a unique drug delivery system through the use of bioabsorbable polymers. The Company's rapid-absorbing bioabsorbable drug/polymer formulation is intended to precisely and consistently control drug elution and the duration of polymer exposure. As a result, the MiStent DES is intended to deliver a precise therapeutic solution for coronary artery disease with the potential to avoid the long-term safety concerns associated with current drug-eluting stents.

Using an approved drug (sirolimus) and polymer (PLGA), Micell's patented supercritical fluid technology allows a carefully controlled drug/polymer coating to be applied to a bare metal stent. Micell is leveraging the strengths of EuroCor's Genius MAGIC Cobalt Chromium Coronary Stent System, a state-of-the-art bare metal stent, shown to demonstrate excellent deliverability, conformability and flexibility. In pre-clinical trials, the drug completely elutes and the polymer is eliminated within 90 days *in vivo* - resulting in a bare metal stent.

The MiStent Drug Eluting Coronary Stent System is an investigational device. It is not yet approved or available for sale in any market.

About Micell Technologies Inc.

Micell Technologies™ is a privately held, development-stage biomedical device company dedicated to developing innovative interventional cardiology systems. By applying its unique surface and polymer modification technologies, Micell can precisely and consistently control drug elution and the duration of polymer exposure creating the potential for a therapeutic solution for coronary artery disease without the long-term safety concerns of currently available drug-eluting stents. Its first product in development, the MiStent™ DES, is a rapid absorbing coated drug-eluting stent with precise control of drug release and pharmacokinetics. Micell is also developing a drug-coated balloon as another approach to delivering anti-proliferative agents directly to the target lesion. Visit us at www.micell.com.

Micell, Micell Technologies, the Micell Logo, and MiStent are among the trademarks of Micell Technologies, Inc.

Contact: Micell Technologies

Arthur J. Benvenuto, Chairman & CEO
(305) 297-0041

Media Contacts:

Robert E. Flamm, Ph.D.

Russo Partners

(212) 845-4226

Robert.flamm@russopartnersllc.com

David Schull

Russo Partners

(212) 845-4271

David.schull@russopartnersllc.com