



FOR IMMEDIATE RELEASE
PRESS RELEASE
June 11, 2010

**ANGIOTECH'S LICENSEE, COOK MEDICAL, FILES PMA SUBMISSION FOR FDA
APPROVAL OF ZILVER® PTX® DRUG-ELUTING STENT PLATFORM**

VANCOUVER, BC, June 11, 2010 – Angiotech Pharmaceuticals, Inc. (NASDAQ: ANPI, TSX: ANP) today announced Cook Medical, a license holder of Angiotech's paclitaxel technology, has submitted its Pre-Market Approval (PMA) application to the U.S. Food and Drug Administration (FDA) for the company's unique polymer-free Zilver® PTX® Drug-Eluting Peripheral Stent. Intended for use in patients with peripheral arterial disease (PAD) in the superficial femoral artery (SFA), Zilver PTX is a self-expanding, highly durable nitinol stent that uses a proprietary, polymer-free technology to deliver a locally therapeutic dose of paclitaxel, an anti-proliferative drug, to the target lesion.

Cook's PMA submission includes data from the randomized portion of the ongoing Zilver PTX clinical trial, the largest study of its kind for the endovascular treatment of PAD in the SFA. Encompassing a global single arm registry and a randomized study involving 1,276 total patients including diabetics, symptomatic patients and those with complex lesions, the 479 patients enrolled in the randomized study and the 787 in the single arm study are experiencing clinical improvement, excellent stent durability (i.e., fracture resistance), high rates of event-free survival and freedom from target lesion revascularization. Patency data from the single-arm study was reported at 86.2 percent at 12 months at EuroPCR last month.

"PAD currently affects approximately eight million men and women over the age of 40 in the United States," said Michael Dake, M.D., professor in the Department of Cardiothoracic Surgery at Stanford University Medical School, medical director of the Cath/Angio Laboratories at Stanford University Medical Center and the trial's principal investigator. "The medical community considers percutaneous transluminal angioplasty to be the treatment of choice for patients with PAD, but Zilver PTX shows promise for being a superior method for improving the quality of life of these individuals."

"Filing for pre-market approval with the FDA is an exciting step forward for us in bringing Zilver PTX to market in the United States," said Rob Lyles, vice president and global leader of Cook Medical's Peripheral Intervention division. "Cook is committed to continually improving the efficacy and safety of our products with the overall aim of improving patient outcomes."

PMA submission is a critical step in the product development process, giving the FDA the appropriate information to evaluate the safety and efficacy of a medical device.

About Zilver PTX

The Zilver PTX stent was CE Marked in August 2009 and has been made available in Europe since September of 2009. It is the first drug-eluting stent indicated for treating PAD in the SFA, an often difficult-to-treat blood vessel in the leg.

Upon deployment, the Zilver PTX stent expands and holds open the artery to restore blood flow. It then delivers the drug paclitaxel to the cells in the vessel wall to reduce the risk of new blockages forming. In a major advance over previous drug-eluting technologies, the Zilver PTX achieves targeted drug delivery

without using a polymer to adhere the drug to the stent body. This eliminates the potential patient risks associated with polymer-coated devices, including clot formation and inflammation.

Cook licenses the rights to use paclitaxel on peripheral stents and other non-coronary medical devices from Angiotech. In the United States, the Zilver PTX Drug-Eluting Stent is an investigational device not available for sale at this time.

About PAD

PAD is caused by atherosclerosis – the build-up of fatty deposits (atheroma) within the lining of the arteries. The most common symptom of PAD is leg pain during exercise. Over time the arteries may narrow due to atherosclerosis, resulting in a reduction in blood flow. Severely reduced blood flow in the limbs is also known as critical limb ischemia (CLI). It is characterized by leg pain at rest, non-healing wounds, and gangrene, and may lead to amputation of the limb.

Forward Looking Statements

Statements contained in this press release that are not based on historical fact, including without limitation statements containing the words “believes,” “may,” “plans,” “will,” “estimates,” “continues,” “anticipates,” “intends,” “expects” and similar expressions, constitute “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995 and constitute “forward-looking information” within the meaning of applicable Canadian securities laws. All such statements are made pursuant to the “safe harbor” provisions of applicable securities legislation. Forward-looking statements may involve, but are not limited to, comments with respect to our objectives and priorities for the remainder of 2010 and beyond, our strategies or future actions, our targets, expectations for our financial condition and the results of, or outlook for, our operations, research and development and product and drug development. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, events or developments to be materially different from any future results, events or developments expressed or implied by such forward-looking statements. Many such known risks, uncertainties and other factors are taken into account as part of our assumptions underlying these forward-looking statements and include, among others, the following: general economic and business conditions in the United States, Canada and the other regions in which we operate; market demand; technological changes that could impact our existing products or our ability to develop and commercialize future products; competition; existing governmental legislation and regulations and changes in, or the failure to comply with, governmental legislation and regulations; availability of financial reimbursement coverage from governmental and third-party payers for products and related treatments; adverse results or unexpected delays in pre-clinical and clinical product development processes; adverse findings related to the safety and/or efficacy of our products or products sold by our partners; decisions, and the timing of decisions, made by health regulatory agencies regarding approval of our technology and products; the requirement for substantial funding to conduct research and development, to expand manufacturing and commercialization activities; and any other factors that may affect our performance. In addition, our business is subject to certain operating risks that may cause any results expressed or implied by the forward-looking statements in this press release to differ materially from our actual results. These operating risks include: our ability to attract and retain qualified personnel; our ability to successfully complete pre-clinical and clinical development of our products; changes in our business strategy or development plans; our failure to obtain patent protection for discoveries; loss of patent protection resulting from third-party challenges to our patents; commercialization limitations imposed by patents owned or controlled by third parties; our ability to obtain rights to technology from licensors; liability for patent claims and other claims asserted against us; our ability to obtain and enforce timely patent and other intellectual property protection for our technology and products; the ability to enter into, and to maintain, corporate alliances relating to the development and commercialization of our technology and products; market acceptance of our technology and products; our ability to successfully manufacture, market and sell our products; the availability of capital to finance our activities; our ability to restructure and to service our debt obligations; and any other factors referenced in our other filings with the applicable Canadian securities regulatory authorities or the Securities and Exchange Commission (“SEC”). For a more thorough discussion of the risks associated with our business, see the “Risk Factors” section in our annual report for the year ended December 31, 2009 filed with the SEC on Form 10-K, as amended, and our quarterly report for the first quarter of 2010 filed with the SEC on Form 10-Q.

Given these uncertainties, assumptions and risk factors, investors are cautioned not to place undue reliance on such forward-looking statements. Except as required by law, we disclaim any obligation to update any such factors or to publicly announce the result of any revisions to any of the forward-looking statements contained in this press release to reflect future results, events or developments.

©2010 Angiotech Pharmaceuticals, Inc. All Rights Reserved.

About Angiotech

Angiotech Pharmaceuticals, Inc. is a global specialty pharmaceutical and medical device company. Angiotech discovers, develops and markets innovative treatment solutions for diseases or complications associated with medical device implants, surgical interventions and acute injury. To find out more about Angiotech (NASDAQ: ANPI, TSX: ANP), please visit our website at www.angiotech.com.

About Cook Medical

Founded in 1963, Cook Medical pioneered many of the medical devices now commonly used to perform minimally invasive medical procedures throughout the body. Today, the company integrates medical devices, drugs and biologics to enhance patient safety and improve clinical outcomes. Since its inception, Cook has operated as a family-held private corporation. For more information, visit www.cookmedical.com.

Zilver PTX is a trademark of William Cook Europe A/S.

FOR ADDITIONAL INFORMATION:

Rick Smith
Investor Relations and Corporate Communications
Angiotech Pharmaceuticals, Inc.
(604) 221-6933
ir@angio.com