

Synta Pharmaceuticals to Host Conference Call Today

June 5, 2007

Call to Discuss Results Presented at ASCO for the Phase 2b

Trial of STA-4783 in Stage IV Metastatic Melanoma

LEXINGTON, Mass.--(BUSINESS WIRE)--June 5, 2007--Synta Pharmaceuticals Corp., (NASDAQ: SNTA) a biopharmaceutical company focused on discovering, developing, and commercializing small molecule drugs to treat severe medical conditions, today announced it will hold a conference call at 2:30 p.m. (EST) today to discuss these results, which will be presented at the annual meeting of the American Society of Clinical Oncology (ASCO) in Chicago, Illinois this morning.

The conference call will be webcast live over the Internet. The webcast can be accessed by logging on to the "Investors" section of Synta Pharmaceuticals' website, www.syntapharma.com, prior to the event.

The call also can be accessed by dialing (877) 407-8035 or (201) 689-8035 prior to the start of the call. The webcast will be archived on the Company's website.

About Synta Pharmaceuticals

Synta Pharmaceuticals Corp. is a biopharmaceutical company focused on discovering, developing, and commercializing small molecule drugs to extend and enhance the lives of patients with severe medical conditions, including cancer and chronic inflammatory diseases. Synta has a unique chemical compound library, an integrated discovery engine, and a diverse pipeline of clinical- and preclinical-stage drug candidates with distinct mechanisms of action and novel chemical structures. All Synta drug candidates were discovered and developed internally. For more information, please see www.syntapharma.com

CONTACT: Synta Pharmaceuticals Corp.

Rob Kloppenburg, 781-541-7125

or

MacDougall Biomedical Communications

Doug MacDougall, 508-647-0209

SOURCE: Synta Pharmaceuticals Corp.