



BIOCRYST TO RELEASE SECOND QUARTER 2005 FINANCIAL RESULTS ON WEDNESDAY, AUGUST 3, 2005; CONFERENCE CALL AND WEBCAST TO FOLLOW

Birmingham, Alabama – July 27, 2005 - BioCryst Pharmaceuticals, Inc. (Nasdaq: BCRX) announced today that its second quarter 2005 financial results will be released on Wednesday, August 3, 2005. At 10:00 a.m. Eastern Time, BioCryst will host a conference call and live Webcast. The call will be led by Charles E. Bugg, Ph.D., Chairman and Chief Executive Officer; J. Claude Bennett, M.D., President and Chief Operating Officer and Michael A. Darwin, Chief Financial Officer. BioCryst management will discuss the company's second quarter results and other business results.

To access the Webcast via the internet, log on to www.biocryst.com or <http://phx.corporate-ir.net/playerlink.zhtml?c=74878&s=wm&e=1109210>. Please connect to either website at least 15 minutes prior to the conference call to ensure adequate time for any software download that may be needed to hear the Webcast. Alternately, please call 1-800-946-0741 (U.S.) or 1-719-457-2650 (international). Telephone replay will be available from approximately two hours after the call through 11:30 p.m. Eastern Time, August 5, 2005. To access the replay, please call 1-888-203-1112 (U.S.) or 1-719-457-0820 (international) and dial the participant passcode 4176520. The Webcast will be archived on www.biocryst.com.

About BioCryst

BioCryst Pharmaceuticals, Inc. designs, optimizes and develops novel drugs that block key enzymes involved in cancer, cardiovascular diseases, autoimmune diseases, and viral infections. BioCryst integrates the necessary disciplines of biology, crystallography, medicinal chemistry and computer modeling to effectively use structure-based drug design to discover and develop small molecule pharmaceuticals.

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