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Echo Therapeutics to Present at RedChip Small-Cap Investor Conference

Franklin, MA – February 4, 2008 -- Echo Therapeutics, Inc. (OTCBB: ECTE), a specialty pharmaceuticals and diabetes management company, announced today that Patrick T. Mooney, M.D, Chairman and Chief Executive Officer, will present at the RedChip Small-Cap Investor Conference on February 7, 2008 at 3:50 pm Mountain Standard Time (5:50 pm Eastern Standard Time). The conference will be held at the Four Seasons Resort in Scottsdale, Arizona. A live video webcast of the presentation will be available on the RedChip Small-Cap Investor Conference website, <http://www.visualwebcaster.com/RedChipfeb2008/>. A replay of the webcast and the corresponding presentation will be available on Echo Therapeutics' website shortly following the live presentation.

About Echo Therapeutics

Echo Therapeutics is a platform-enabled, specialty pharmaceuticals and diabetes management company leveraging its expertise in transdermal science to develop and commercialize non-invasive specialty pharmaceutical products and medical devices. Echo's Symphony™ CTGM System is a next generation needle-free, wireless, continuous transdermal glucose monitoring (CTGM) system for diabetes home use and emerging hospital critical care markets. Symphony is designed to provide on-demand glucose data conveniently, continuously and cost-effectively. Symphony incorporates Echo's patented feedback mechanism for optimal skin permeation control and its continuous transdermal biosensor. With Symphony, Echo is focused on changing the paradigm of invasive, episodic glucose testing in diabetes home use and hospital critical care settings. Echo is also marshalling the potential of its patented AzoneTS™ transdermal drug delivery technology to build an extensive pipeline of advanced topical reformulations of FDA-approved products in accordance with the FDA's Section 505(b)(2) guidelines. Echo has submitted a New Drug Application (NDA) to the FDA for the approval of its lead AzoneTS-based product candidate, Durhalieve™, for the treatment of corticosteroid responsive dermatoses.

Forward-Looking Statements

This press release contains forward-looking information that involves risks and uncertainties, including statements regarding Echo's development plans, objectives, expectations and intentions, including, without limitation, statements regarding the Company's Symphony and AzoneTS product candidates. Factors that could adversely affect Echo's business and prospects are

described in the Company's filings with the Securities and Exchange Commission. Echo expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any such statements to reflect any change in the Company's expectations or any change in events, conditions or circumstances on which any such statement is based.



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