

ORTHOLOGIC CORP  
Form 8-K  
August 30, 2006

**Table of Contents**

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM 8-K  
CURRENT REPORT  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): August 29, 2006  
ORTHOLOGIC CORP.**

(Exact name of registrant as specified in its charter)

Delaware

000-21214

86-0585310

(State or other jurisdiction  
of incorporation)

(Commission File Number)

(I.R.S. Employer  
Identification No.)

1275 West Washington Street, Tempe, Arizona

85281

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:  
(602) 286-5520

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

**TABLE OF CONTENTS**

Item 8.01 Other Events

Item 9.01 Financial Statements and Exhibits.

SIGNATURES

EXHIBIT INDEX

EX-99.1

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**Table of Contents**

**Section 8 Other Events**

**Item 8.01 Other Events**

On August 29, 2006, OrthoLogic Corp. announced by press release the results of preliminary interim analysis of data from its Phase 2b dose-ranging clinical trial of the novel synthetic peptide Chrysalin® (TP508) in unstable, displaced distal radius (wrist) fractures and termination of the Phase 2b study. In the dataset of 240 subjects as a group that were evaluable in the Phase 2b interim analysis, treatment with Chrysalin did not demonstrate benefit compared to placebo in the primary efficacy endpoint of time to removal of immobilization. Individual findings of efficacy in secondary endpoints, including radiographic healing, were not seen in this interim analysis. Further, no dose response relationship was observed. The trial met the pre-specified safety endpoint by demonstrating no significant difference in the incidence of adverse events between the Chrysalin and placebo groups. A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

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**Table of Contents**

**Section 9 Financial Statements and Exhibits**

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit No.</b>	<b>Description</b>
99.1	Press release dated August 29, 2006

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**Table of Contents**

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: August 29, 2006

ORTHOLOGIC CORP.

/s/ John M. Holliman, III  
John M. Holliman, III  
Executive Chairman

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**Table of Contents**

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<b>Exhibit No.</b>	<b>Description</b>
99.1	Press release dated August 29, 2006