Corrected Order

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
April 8, 2010
(Correcting order granted September 21, 2007)

ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES ACT OF 1933

Targacept, Inc.

File No. 333-115538 - CF#19646

Targacept, Inc. submitted an application under Rule 406 requesting an extension of a previous grant of confidential treatment for information it excluded from the Exhibits to a Form S-1 filed on May 14, 2004, as amended.

Based on representations by Targacept, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit will not be released to the public for the time period specified:

Exhibit 10.22	through February 1, 2012

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Patti J. Dennis
Chief, Office of Disclosure Support