

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
November 3, 2009**

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

Arena Pharmaceuticals, Inc.

File No. 0-31161 - CF#23803

Arena Pharmaceuticals, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibit to a Form 8-K filed on June 23, 2009, as amended on October 21, 2009.

Based on representations by Arena Pharmaceuticals, 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(s) will not be released to the public for the time period(s) specified:

Exhibit 10.4 through June 17, 2013

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

Brigitte Lippmann
Special Counsel