

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
May 2, 2014**

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES ACT OF 1933**

Cellular Dynamics International, Inc.

File No. 333-189049 - CF#31006

Cellular Dynamics International, 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 June 3, 2013, as amended.

Based on representations by Cellular Dynamics International, 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 10.26 through April 29, 2015

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

Kevin M. O'Neill
Deputy Secretary