## UNITED STATES SECURITIES AND EXCHANGE COMMISSION September 4, 2018

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

## **Acceleron Pharma Inc.**

File No. 333-190417 - CF#36534

Acceleron Pharma 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 registration statement filed on August 7, 2013, as amended.

Based on representations by Acceleron Pharma 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 10.9 through August 2, 2021

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

Brent J. Fields Secretary