



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

February 2, 2024

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Christer Rosén
Chief Executive Officer
Jupiter Neurosciences, Inc.
1001 North US HWY 1, Suite 504
Jupiter, FL 33477

**Re: Jupiter Neurosciences, Inc.
Amendment No. 17 to Registration Statement on Form S-1
Filed January 17, 2023
File No. 333-260183**

Dear Christer Rosén:

It has been more than nine months since you last amended this registration statement and it is now out of date. Within 30 days from the date of this letter, you should either:

- amend it to comply with the applicable requirements of the Securities Act of 1933, the rules and regulations under the Act, and the requirements of the form; or
- file a request for withdrawal.

If you requested confidential treatment for portions of any exhibits to your registration statement and you request withdrawal of that registration statement, please submit a concurrent request for withdrawal of your application for confidential treatment.

If you do not amend the registration statement or file a request for withdrawal (or provide us with a satisfactory explanation of why you have not done either) within 30 days, we may enter an order declaring the registration statement abandoned under rule 479 of the Act.

Please contact Margaret Sawicki at 202-551-7153 with any questions.

Sincerely,

Division of Corporation Finance

Christer Rosén
Jupiter Neurosciences, Inc.
February 2, 2024
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Office of Life Sciences