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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of January 2023

Commission File Number: 001-39777

Nanobiotix S.A.

(Translation of registrant's name into English)

60 Rue de Wattignies 75012 Paris, France

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F [X] Form 40-F []

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

On January 11, 2023, the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

(c) Exhibit 99.1. Press release dated January 11, 2023

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Nanobiotix S.A. (Registrant)

Date: January 11, 2023

/s/ Bart Van Rhijn Bart Van Rhijn Chief Financial Officer

Voting Rights and Shares Capital of the Company

In accordance with Articles L.233-8 II of the French Commercial Code and 223-16 of the General Regulation of the French Financial Markets Authority (Autorité des Marchés Financiers)

PARIS, Jan. 11, 2023 (GLOBE NEWSWIRE) --

Market: Euronext Paris / Nasdaq Euronext Compartment: B ISIN code: FR0011341205 Nasdaq: NBTX Bloomberg: NANO:FP Reuters: NANO.PA Website: www.nanobiotix.com

| Date | Number of Shares Outstanding | Total number of voting rights | |
|-------------------|------------------------------|-------------------------------|----------------------------------|
| | | Total voting rights, | Total voting |
| | | theoretical ¹ | rights, exercisable ² |
| December 31, 2022 | 34,875,872 | 36,287,449 | 36,265,331 |

As a reminder, Nanobiotix has announced on December 21, 2022, that it has ended the liquidity contract signed on October 23, 2012, with Gilbert Dupont. The termination is effective from December 20, 2022, after the close of Euronext market.

According to the article L.233-8 II of the French Commercial Code, Nanobiotix will make a new monthly publication of the total number of voting rights and shares comprising Nanobiotix's capital if those figures differ from the information previously disclosed.

About NANOBIOTIX

Nanobiotix is a late-stage clinical biotechnology company pioneering disruptive, physics-based therapeutic approaches to revolutionize treatment outcomes for millions of patients; supported by people committed to making a difference for humanity. The company is leveraging its proprietary nanoparticle platform, including its lead product candidate, radiotherapy activated NBTXR3, to develop a pipeline of therapeutic options designed to enhance local and systemic control of solid tumors with an initial focus on the treatment of head and neck cancers.

For more information about Nanobiotix, visit us at <u>www.nanobiotix.com</u> or follow us on <u>LinkedIn</u> and <u>Twitter</u>.

¹ The total number of theoretical (or "gross") voting rights is used as the basis for calculating threshold crossings. In accordance with Article 223-11 of the AMF General Regulations, this number is calculated on the basis of all shares to which voting rights are attached, including those for which voting rights have been suspended.

² The total number of exercisable at a Shareholders' Meeting (or "net") voting rights is calculated without taking into account shares for which voting rights have been suspended as shares held in treasury by the Company. It is released in order to ensure that the public is properly informed, in accordance with the AMF recommendation of July 17, 2007.

Contacts

| Nanobiotix | | | |
|---------------------------|-------------------------------|--|--|
| Nanobiotix Communications | Nanobiotix Investor Relations | | |
| Brandon Owens | Kate McNeil | | |
| VP, Communications | SVP, Investor Relations | | |
| +1 (617) 852-4835 | +1 (609) 678-7388 | | |
| contact@nanobiotix.com | investors@nanobiotix.com | | |
| | Media Relations | | |

France – Ulysse Communication Pierre-Louis Germain + 33 (0) 6 64 79 97 51 plgermain@ulysse-communication.com US - LifeSci Advisors Ligia Vela-Reid +44 (0) 7413825310 lvela-reid@lifesciadvisors.com

Attachment

• 2023-01-11 -- NBTX -- Voting Rights -- FINAL -- English (https://ml.globenewswire.com/Resource/Download/531df7b8-e01f-4ec3-9c8a-9a7f6ef49bcc)