(Last)

(First)

(Middle)

FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL 3235-0104 Estimated average burden hours per response:

5. If Amendment, Date of Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)

Form filed by One Reporting Person X Form filed by More than One Reporting Person

4. Nature of Indirect Beneficial Ownership (Instr. 5)

By Andreessen Horowitz LSV Fund II, L.P.(3)(4)

5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)

By AH Bio Fund II, L.P.(1)(2)

of the Securities Exchange Act of 1934 vestment Company Act of 1940

Other (specify below)

3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)

4. Conversion or Exercise Price of Derivative Security

|  |                     |       |         |  | Filed purs<br>or                             | suant to Sec<br>Section 30( | tion 16(a) of the Securities Exchange Act of<br>h) of the Investment Company Act of 1940      | of 1934                                       |
|--|---------------------|-------|---------|--|--|-----------------------------|---|---|
| 1. Name and Address of Reporting Person*  AH Equity Partners Bio II, L.L.C.  (Last) (First) (Middle)  2865 SAND HILL ROAD, SUITE 101 |                     |       |         | 2. Date of Event Requiring<br>Statement (Month/Day/Year)<br>06/09/2021 |  |                             | 3. Issuer Name and Ticker or Trading Symbol Nautilus Biotechnology, Inc. [ NAUT ]             |   |
|  |                     |       |         |  |  |                             | Relationship of Reporting Person(s) to Issuer (Check all applicable)     Director X 10% Owner |   |
| (Street) MENLO PARK  | CA                  | 94025 |         |  |  |                             | Officer (give title below)  | Other (speci                                  |
| (City)   | (State)             | (Zip) |         |  |  |                             |   |   |
|  |                     |       |         |  | Table I -                                    | Non-Der                     | ivative Securities Beneficially (   | Owned   |
| 1. Title of Security (In   | str. 4)             |       |         |  |  |                             | 2. Amount of Securities Beneficially<br>Owned (Instr. 4)                                      | 3. Ownership<br>Direct (D) or I<br>(Instr. 5) |
| Common Stock   |                     |       |         |  |  |                             | 16,298,006  | I   |
| Common Stock   |                     |       |         |  |  |                             | 1,355,911   | I   |
|  |                     |       |         |  |  |                             | ative Securities Beneficially Ow<br>arrants, options, convertible se                          |   |
| 1. Title of Derivative S   | Security (Instr. 4) |       |         |  | 2. Date Exerc<br>Expiration D<br>(Month/Day/ | ate                         | 3. Title and Amount of Securities Und<br>Security (Instr. 4)                                  | derlying Derivative                           |
|  |                     |       |         |  | Date<br>Exercisable                          | Expiration<br>Date          | n Title   | Amount o<br>Number o<br>Shares                |
| 1. Name and Address AH Equity Part   |                     |       |         |  |  |                             |   | Ì   |
| (Last)   | /F;4\               |       | (Middle | `  |  |                             |   |   |
| 2865 SAND HILL   | (First) ROAD, SUITE | 101   | (Middle | )  |  |                             |   |   |
| (Street) MENLO PARK  | CA                  |       | 94025   |  |  |                             |   |   |
| (City)   | (State)             |       | (Zip)   |  |  |                             |   |   |
| 1. Name and Address Andreessen Ho  |                     |       |         |  |  |                             |   |   |
| (Last)<br>2865 SAND HILL   | (First) ROAD, SUITE | 101   | (Middle | )  |  |                             |   |   |
| (Street) MENLO PARK  | CA                  |       | 94025   |  |  |                             |   |   |
| (City)   | (State)             |       | (Zip)   |  |  |                             |   |   |
| 1. Name and Address<br><u>AH Bio Fund I</u>  |                     | •     |         |  |  |                             |   |   |
| (Last)<br>2865 SAND HILL   | (First) ROAD, SUITE | 101   | (Middle | )  |  |                             |   |   |
| (Street) MENLO PARK  | CA                  |       | 94025   |  |  |                             |   |   |
| (City)   | (State)             |       | (Zip)   |  |  |                             |   |   |
| 1. Name and Address Andreessen Ho  |                     |       |         |  |  |                             |   |   |
| (Last)<br>2865 SAND HILL   | (First) ROAD, SUITE | 101   | (Middle | )  |  |                             |   |   |
| (Street) MENLO PARK  | CA                  |       | 94025   |  |  |                             |   |   |
| (City)   | (State)             |       | (Zip)   |  |  |                             |   |   |
| 1. Name and Address AH Bio Fund I  |                     | •     |         |  |  |                             |   |   |
| (Last)<br>2865 SAND HILL   | (First) ROAD, SUITE | 101   | (Middle | )  |  |                             |   |   |
| (Street) MENLO PARK  | CA                  |       | 94025   |  |  |                             |   |   |
| (City)   | (State)             |       | (Zip)   |  |  |                             |   |   |
| 1. Name and Address AH Equity Part   |                     |       |         |  |  |                             |   |   |
| . —  |                     |       |         |  |  | 1                           |   |   |

| 2865 SAND HILL ROAD, SUITE 101   |                         |          |  |  |  |  |  |  |
|--|-------------------------|----------|--|--|--|--|--|--|
| (Street)   |                         |          |  |  |  |  |  |  |
| MENLO PARK   | CA                      | 94025    |  |  |  |  |  |  |
| (City)   | (State)                 | (Zip)    |  |  |  |  |  |  |
| 1. Name and Address of Reporting Person* Andreessen Horowitz LSV Fund II-Q, L.P. |                         |          |  |  |  |  |  |  |
| (Last)   | (First)                 | (Middle) |  |  |  |  |  |  |
| 2865 SAND HILL ROAD, SUITE 101   |                         |          |  |  |  |  |  |  |
| (Street) MENLO PARK  | CA                      | 94025    |  |  |  |  |  |  |
| (City)   | (State)                 | (Zip)    |  |  |  |  |  |  |
| 1. Name and Address of Reporting Person* Andreessen Marc L                       |                         |          |  |  |  |  |  |  |
| (Last)<br>2865 SAND HILL ROAI  | (First)<br>D, SUITE 101 | (Middle) |  |  |  |  |  |  |
| (Street)   |                         |          |  |  |  |  |  |  |
| MENLO PARK   | CA                      | 94025    |  |  |  |  |  |  |
| (City)   | (State)                 | (Zip)    |  |  |  |  |  |  |
| 1. Name and Address of Reporting Person* HOROWITZ BENJAMIN A                     |                         |          |  |  |  |  |  |  |
| (Last)   | (First)                 | (Middle) |  |  |  |  |  |  |
| 2865 SAND HILL ROAD, SUITE 101   |                         |          |  |  |  |  |  |  |
| (Street) MENLO PARK  | CA                      | 94025    |  |  |  |  |  |  |
| (City)   | (State)                 | (Zip)    |  |  |  |  |  |  |

## Remarks:

Exhibit 24.1 Power of Attorney for Benjamin Horowitz Exhibit 24.2 Power of Attorney for Marc L. Andreessen

By: AH Equity Partners LSV II, L.L.C.,

Decret Kupper 06/09/2021 Its: General Partner, By: /s/ Scott Kupor, Scott Kupor, Chief Operating Officer Andreessen Horowitz LSV Fund II-Q, L.P., By: AH Equity Partners LSV II, L.L.C., Its: General Partner, By: /s/ Scott 06/09/2021 Kupor, Scott Kupor, Chief Operating Officer Andreessen Horowitz LSV Fund II-B, L.P., By: AH Equity Partners LSV II, L.L.C., Its General Partner, By: /s/ Scott 06/09/2021 Kupor, Scott Kupor, Chief Operating Officer AH Equity Partners LSV II, L.L.C., By: /s/ Scott Kupor, Scott Kupor, Chief 06/09/2021 Operating Officer AH Bio Fund II, L.P., By: AH Equity Partners Bio II, L.L.C., Its: General Partner, By: /s/ Scott Kupor, Scott Kupor,
Chief Committee Cofficients **Chief Operating Officer** AH Bio Fund II-B, L.P., By: AH Equity Partners Bio II, L.L.C., Its: General Partner, By: /s/ Scott Kupor, Scott Kupor,
Chief Operating Off Chief Operating Officer AH Equity Partners Bio II, L.L.C., By: /s/ Scott Kupor, Scott Kupor, Chief 06/09/2021 Operating Officer /s/ Scott Kupor, Attorney-in-Fact for 06/09/2021 Marc L. Andreessen /s/ Scott Kupor, Attorney-in-Fact for 06/09/2021 Benjamin Horowitz \*\* Signature of Reporting Person

Andreessen Horowitz LSV Fund II, L.P.,

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

<sup>1.</sup> The reported securities are held by AH Bio Fund II, L.P., for itself and as nominee for AH Bio Fund II Entities and has sole voting and dispositive power with regard to the securities held by the AH Bio Fund II Entities. The managing members of AH EP Bio II are Marc Andreessen and Ben Horowitz. Marc Andreessen and Ben Horowitz share voting and dispositive power with regard to the securities held by the AH Bio Fund II Entities.

<sup>2.</sup> Each of the Reporting Persons disclaims the existence of a "group" and disclaims beneficial ownership of the securities held by the AH Bio Fund II Entities (and this report shall not be deemed an admission that any such person is the beneficial owner of such securities), except to the extent of such person's pecuniary interest therein, if any.

<sup>3.</sup> The reported securities are held by Andreessen Horowitz LSV Fund II, L.P., for itself and as nominee for Andreessen Horowitz LSV Fund II-B, L.P. and Andreessen Horowitz LSV Fund II-D, L.P. (collectively, the "AH LSV Fund II Entities"). AH Equity Partners LSV II, L.L.C. ("AH EP LSV II") is the general partner of the AH LSV Fund II Entities and has sole voting and dispositive power with regard to the securities held by the AH LSV Fund II Entities. The managing members of AH EP LSV III are Marc Andreessen and Ben Horowitz. Marc Andreessen and Ben Horowitz share voting and dispositive power with respect to the securities held by the AH LSV Fund II Entities.

<sup>4.</sup> Each of the Reporting Persons disclaims the existence of a "group" and disclaims beneficial ownership of the securities held by the AH LSV Fund II Entities (and this report shall not be deemed an admission that any such person is the beneficial owner of such securities), except to the extent of such person's pecuniary interest therein, if any.

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

POWER OF ATTORNEY

The undersigned individual (the "Reporting Person") hereby authorizes and designates each entity affiliated with AH Capital Management, L.L.C.

The Reporting Person hereby further authorizes and designates Scott Kupor (the "Authorized Signatory") to execute and file on behalf of the Rep

The authority of the Designated Filer and the Authorized Signatory under this Document with respect to the Reporting Person shall continue until

April 10, 2019 By: /s/ Marc Andreessen

Marc Andreessen