FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* Hardie Robert D. | | | | | | 2. Issuer Name and Ticker or Trading Symbol Acumen Pharmaceuticals, Inc. [ABOS] | | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) Director | | | | | |
|---|--|---|-------------|--------------|--|--|------|---|------------------|-----------------|---|--|---------------|---|--|--|---|---------------------------------------|---|--|
| (Last) (First) (Middle) 210 RIDGE MCINTIRE ROAD, SUITE 350 | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 07/06/2021 | | | | | | | | | Officer (give title Other (specify below) below) | | | | | |
| (Street) CHARLOTTESVILLE VA 22903 (City) (State) (Zip) | | | | | — [- - [| 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | Line) | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| | | Ţ | able I - No | on-De | eriva | tive S | Secu | rities Ac | quired | , Dis | sposed o | of, or | Bene | eficially | Owned | | | | | |
| 1. Title of Security (Instr. 3) | | | | Date | 2. Transaction Date (Month/Day/Year) | | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | ction Instr. | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 a | | | | 5. Amount of Securities Beneficially Owned Following Reported | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | | | | | Code | v | Amount | | (A) or (D) | Price | Transaction (Instr. 3 and | | | " | 1150.4) | |
| Common Stock | | | | | 07/06/2021 | | | | С | | 1,124,8 | 30 | A | (1) | 1,124,830 | | I | | ee ootnote ⁽²⁾ | |
| Common Stock | | | | 07/ | 07/06/2021 | | | | С | | 2,076,3 | 26 | A | (1) | 3,201,156 | | I | | ee ootnotes ⁽³⁾ | |
| Common Stock | | | | 07/ | 07/06/2021 | | | | P | | 750,000 | | A | \$16 | 3,951,156 | | I | | ee ootnote ⁽⁴⁾ | |
| | | | Table II | | | | | ties Acq warrants | | | | | | | Owned | | | | | |
| 1. Title of Derivative Security (Instr. 3) Price of Derivative Security 1. Title of Conversion or Exercise (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 4. Day/Year 5. Date 5. | | | ate, | Code (Instr. | | Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercis Expiration Date (Month/Day/Ye | | ear) | Secu Deriv | 7. Title and Amour Securities Underly Derivative Securit (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Num derivat Securir Benefi Owned Follow Report Transa (Instr. | tive ties cially l ing ed ction(s) | 10. Ownershi Form: Direct (D) or Indirec (I) (Instr. 4 | Beneficial Ownership (Instr. 4) | | |
| | | | | | Code | l _v | (A) | (D) | Date Exercisa | | Expiration Date | Title | | umber of hares | | | | | | |

Explanation of Responses:

(1)

(1)

07/06/2021

07/06/2021

1. On July 6, 2021, each share of Series A-1 Convertible Preferred Stock and Series B Convertible Preferred Stock (collectively, the "Preferred Stock") converted into Common Stock on a one-for-one basis without payment of further consideration upon closing of the initial public offering of the Issuer's common stock. The shares had no expiration date.

1,124,830

2.076,326

2. Consists of 562,415 shares of common stock issuable upon conversion of Series A-1 preferred stock held by H7 Holdings LLC, and 562,415 shares of common stock issuable upon conversion of Series A-1 preferred stock held by Level One Partners, LLC. Robert D. Hardie is the Manager of both H7 Holdings, LLC and Level One Partners, LLC and has the power to vote or dispose of the shares held by each entity. The Reporting Person disclaims beneficial ownership of the shares held by H7 Holdings, LLC and Level One Partners, LLC, except to the extent of his pecuniary interest therein.

(1)

(1)

- 3. Consists of 1,038,163 shares of common stock issuable upon conversion of Series B convertible preferred stock held by H7 Holdings LLC, and 1,038,163 shares of common stock issuable upon conversion of Series B convertible preferred stock held by Level One Partners, LLC. Robert D. Hardie is the Manager of both H7 Holdings, LLC and Level One Partners, LLC and has the power to vote or dispose of the shares held by each entity. The Reporting Person disclaims beneficial ownership of the shares held by H7 Holdings, LLC and Level One Partners, LLC, except to the extent of his pecuniary interest therein.
- 4. Consists of 375,000 shares of common stock held by H7 Holdings LLC, and 375,000 shares of common stock held by Level One Partners, LLC. Robert D. Hardie is the Manager of both H7 Holdings, LLC and Level One Partners, LLC and has the power to vote or dispose of the shares held by each entity. The Reporting Person disclaims beneficial ownership of the shares held by H7 Holdings, LLC and Level One Partners, LLC, except to the extent of his pecuniary interest therein.

Remarks:

Series A-1 Preferred

Stock Series B

Preferred

/s/ Katherine Denby, Attorneyin-Fact

07/08/2021

0

0

footnote⁽²⁾

Stock

(1)

(1)

1,124,830

2,076,326

\$0.00

** Signature of Reporting Person

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

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

C

C

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.