FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
| | | |

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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

| 1. Name and Address of Reporting Person* <u>El-Hibri Fuad</u> | | | | | 2. Issuer Name and Ticker or Trading Symbol Emergent BioSolutions Inc. [EBS] | | | | | | | | | | | o of Reportin olicable) ctor | g Pers | () | | |
|--|---|--------|-------------------|------------------|--|--|------------------------------------|-----------------------------------|---|--------------------|--------|-----------------|--------------------------------------|--|---|--|--|-----------------------|---|------------|
| (Last) 400 PRO | (Fir | rst) (| Middle) ΓΕ 400 | | | Date of Earliest Transaction (Month/Day/Year) 9/12/2017 | | | | | | | | | X | Office below | , | Other (specify below) | | |
| (Street) | RSBURG I | MD | 20879 | | 4. If | . If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Indiv Line) | | | | | |
| (City) | (St | | Zip) | Doring | | <u></u> | itis | | i.e.d | Dia | | • | r Don | ofi o | برااما | | | | | |
| 1. Title of Security (Instr. 3) 2. Trans Date | | | 2. Transa Date | action Day/Year) | | 2A. Deemed Execution Date, | | 3. Transaction Code (Instr. | | | | | (A) o | or 5. Am 1 and Secur Benef Owne | | ount of ties cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | | | | | Code | v | Amount | | (A) or (D) | Price | | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) |
| Common Stock | | | 09/12/ | 09/12/2017 | | | | S ⁽¹⁾ | | 1,453 | | D | \$3 | 88.5 1,6 | | 03,763 | | D | | |
| Common Stock | | | 09/14/2017 | | | | | S ⁽¹⁾ | | 23,547 | 7 | D | \$3 | 38.5 1,5 | | 80,216 | | D | | |
| Common Stock | | | | | | | | | | | | | | | 4,344,250 ⁽²⁾ | | I | | By Intervac, L.L.C. | |
| Common Stock | | | | | | | | | | | | | | | 1,524,155 ⁽³⁾ | | I | | By Biovac, L.L.C. | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | vative Conversion Date Execution Date, Transacti urity or Exercise (Month/Day/Year) if any Code (Ins | | | | | | 6. Date E Expiratio (Month/D | • | le and Amount of Securities Underlying Derivative Security (Instr. and 4) | | | Deri | rice of vative urity tr. 5) | ive derivative y Securities | Ownershi Form: Direct (D) or Indirect (I) (Instr. 4 | wnership orm: rect (D) Indirect | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | Code | | Code | v | (A) | (D) | Date Exercisal | | Expiration Date | Title | or Nur of | ount nber ires | | | | | | | |

Explanation of Responses:

- 1. All sales listed on this Form 4 were made by Mr. El-Hibri pursuant to a trading plan adopted on February 28, 2017 that is intended to comply with Rule 10b5-1(c) under the Exchange Act.
- 2. Mr. El-Hibri's wife, individually, and Mr. and Mrs. El-Hibri, as tenants by the entirety, collectively hold an aggregate 40.65% equity interest in Intervac, L.L.C., which in turn is the direct owner of 4,344,250 shares of the Issuer's common stock. Mr. El-Hibri disclaims beneficial ownership of the shares of the Issuer's common stock directly owned by Intervac, L.L.C. for purposes of Section 16 of the Exchange Act or otherwise, except to the extent of his pecuniary interest therein.
- 3. Mr. El-Hibri, individually, and Mr. and Mrs. El-Hibri, as tenants by the entirety, collectively hold an aggregate 89.2% equity interest in Biovac, L.L.C, which in turn is the direct owner of 1,524,155 shares of the Issuer's common stock. Mr. El-Hibri disclaims beneficial ownership of the shares of the Issuer's common stock directly owned by Biovac, L.L.C. for purposes of Section 16 of the Exchange Act or otherwise, except to the extent of his pecuniary interest therein.

Remarks:

/s/ Carl A. Valenstein, attorney- 09/14/2017 in-fact

** Signature of Reporting Person

Date

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).

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.