

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>El-Hibri Fuad</u>  (Last) (First) (Middle) 2273 RESEARCH BOULEVARD, SUITE 400  (Street) ROCKVILLE MD 20850  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Emergent BioSolutions Inc. [ EBS ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner  <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)  CEO & Chairman
	3. Date of Earliest Transaction (Month/Day/Year) 04/18/2011	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common Stock	04/18/2011		S		26,185	D	\$23.1959 <sup>(1)</sup>	1,146,773 <sup>(2)</sup>	D	
Common Stock	04/19/2011		S		2,226	D	\$24.0657 <sup>(3)</sup>	1,144,547 <sup>(2)</sup>	D	
Common Stock	04/18/2011		S		7,000	D	\$23.3146 <sup>(4)</sup>	6,136,794 <sup>(5)</sup>	I	By Intervac, L.L.C.
Common Stock								1,524,155 <sup>(6)</sup>	I	By Biovac, L.L.C.
Common Stock								10,428 <sup>(7)</sup>	I	By Karim El-Hibri Trust
Common Stock								10,428 <sup>(7)</sup>	I	By Yusra El-Hibri Trust
Common Stock								10,428 <sup>(7)</sup>	I	By Faiza El-Hibri Trust
Common Stock								2,265,043 <sup>(8)</sup>	I	By BioPharm, 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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)					

Explanation of Responses:

- This price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line, range from \$23.00 to \$24.00. The reporting person undertakes to provide, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by Mr. El-Hibri on March 14, 2011. Mr. El-Hibri's direct holdings include restricted stock units granted under the Amended and Restated Emergent BioSolutions Inc. 2006 Stock Incentive Plan.
- This price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line range from \$24.00 to \$24.09. The reporting person undertakes to provide, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- This price is the weighted average sale price for the transactions reported on this line. The prices for the transactions reported on this line range from \$23.01 to \$24.00. The reporting person undertakes to provide, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by Intervac, L.L.C. on March 15, 2011. Intervac, L.L.C. was the direct owner of the shares of Common Stock sold pursuant to the Rule 10b5-1 trading plan, and was or is the direct owner of the shares of Common Stock reported as beneficially owned immediately following the reported sales. Both before and after the reported sales, Mr. El-Hibri held, individually and with his wife, as tenants by the entirety, an aggregate 41.1072% equity interest in Intervac, L.L.C. Mr. El-Hibri disclaims beneficial ownership of the shares of Common Stock directly owned by Intervac, L.L.C. for purposes of Section 16, except to the extent of his pecuniary interest in 2,522,665 shares.
- Mr. El-Hibri holds individually and with his wife, as tenants by the entirety, an aggregate 89.2% equity interest in Biovac, L.L.C. Biovac, L.L.C. is the direct owner of 1,524,155 shares of Common Stock. Mr. El-Hibri disclaims beneficial ownership of the shares of Common Stock directly owned by Biovac, L.L.C. for purposes of Section 16, except to the extent of his pecuniary interest in 1,359,546 shares.
- These shares are held in a trust for the benefit of a child of the reporting person. The reporting person is trustee of this trust. The reporting person disclaims beneficial ownership of these securities, and the filing of this report is not an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.
- Mr. El-Hibri is the holder of a 40.17% (567,582.3 units) equity interest in BioPharm, L.L.C. BioPharm, L.L.C. is the direct owner of 2,265,043 shares of Common Stock. Mr. El-Hibri disclaims beneficial

ownership of these shares for purposes of Section 16, except to the extent of his pecuniary interest in 909,868 shares.

**Remarks:**

/s/ Carl A. Valenstein, attorney-  
in-fact 04/20/2011

\*\* 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.**