

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 BLVD., 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 and Chairman
	3. Date of Earliest Transaction (Month/Day/Year) 08/10/2010	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

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	08/10/2010		j ⁽¹⁾		205,537	A	\$0	1,161,047 ⁽²⁾	D	
Common Stock	08/10/2010		j ⁽¹⁾		5,417	A	\$0	10,428	I	By Karim El-Hibri Trust ⁽³⁾
Common Stock	08/10/2010		j ⁽¹⁾		5,417	A	\$0	10,428	I	By Yusra El-Hibri Trust ⁽³⁾
Common Stock	08/10/2010		j ⁽¹⁾		5,417	A	\$0	10,428	I	By Faiza El-Hibri Trust ⁽³⁾
Common Stock								6,143,794 ⁽⁴⁾	I	By Intervac, L.L.C.
Common Stock								1,524,155 ⁽⁵⁾	I	By Biovac, L.L.C.
Common Stock								2,265,043 ⁽⁶⁾	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:

- The shares reported on this line were acquired by a distribution from Intervac, L.L.C.
- Mr. El-Hibri's direct holdings include restricted stock units granted under the Amended and Restated Emergent BioSolutions Inc. 2006 Stock Incentive Plan that vest in three equal annual installments beginning March 9, 2011.
- 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 holds with his wife, as tenants by the entirety, an aggregate 41.1072% equity interest in Intervac, L.L.C. After the distribution by Intervac, L.L.C. to Mr. El-Hibri and other members of Intervac, L.L.C. of 500,000 shares of Common Stock, as reported on this Form 4, Intervac, L.L.C. is the direct owner of 6,143,794 shares of Common Stock. 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 therein in 2,525,543 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.
- 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 08/11/2010

** 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.