FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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>SHAULSON JOSEPH H</u>					2. Issuer Name and Ticker or Trading Symbol YIELD10 BIOSCIENCE, INC. [YTEN]							(Ch	elationship c eck all applic X Directo	able)	erson(s) to Iss		
					3. Date of Earliest Transaction (Month/Day/Year) 11/28/2017								Officer below)	(give title	Other (below)	specify	
19 PRESIDENTIAL WAY					4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable				
(Street) WOBURN MA 01801											Line	X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(S	tate)	(Zip)														
		Tal	ole I - Non	-Deriva	ative	e Se	curities	Acc	uired, D	ispo	osed of	f, or Ber	neficiall	y Owned			
1. Title of Security (Instr. 3) 2. Transact Date (Month/Date)				Execution Date,		Date,	Code (Instr. 5)				5. Amour Securitie Beneficia Owned F Reported	s Fo ally (D ollowing (I)	Ownership orm: Direct o) or Indirect (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								Code V		Amount (A) or (D)		Price	Transact (Instr. 3 a	ion(s)			
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	cise (Month/Day/Year)	3A. Deemed Execution Da if any (Month/Day/Y	Co	ransad ode (li		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisa Expiration Date (Month/Day/Yea		e Amount of		f g Security	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Co	ode	v	(A)	(D)	Date Exercisable		piration ate	Title	Amount or Number of Shares		(Instr. 4)	3)	
Stock Option (right to buy)	\$2.34	11/28/2017			A		4,206 ⁽¹⁾		11/28/2017	11/	/28/2027	Common Stock	4,206	\$0	4,206 ⁽²⁾	D	

Explanation of Responses:

- 1. These options were issued to the Reporting Person pursuant to the Issuer's Director Compensation Policy for services rendered to the Issuer as a member of its Board of Directors and/or a committee thereof during the third quarter of 2017.
- $2. \ All \ share \ numbers \ reported \ reflect \ the \ 1-for-10 \ reverse \ stock \ split \ effected \ on \ May \ 30, \ 2017.$

/s/ Megan N. Gates, attorney-

11/30/2017

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.