FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washingt

on, D.C. 20549	OMB APPROVAL

OMB Number:	3235-0287					
Estimated average burd	en					
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*					2. Issuer Name and Ticker or Trading Symbol YIELD10 BIOSCIENCE, INC. [ YTEN ]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
VAN NOSTRAND ROBERT L					TIEDE DIOUGIEROE, IIVO. [ TIEN ]									X	Director		1	.0% Ow	ner	
(Last) (First) (Middle)					3. Date of Earliest Transaction (Month/Day/Year) 03/29/2018							$\dashv$		Officer ( below)	give title		Other (spelow)	pecify		
C/O YIELD10 BIOSCIENCE, INC.																				
19 PRESIDENTIAL WAY					4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable						
(Street)														Line)  X Form filed by One Reporting Person						
WOBUR	RN M	A	01801										Λ	Form filed by One Reporting Person  Form filed by More than One Reporting  Person				- 1		
(City)	(S	tate)	(Zip)												1 013011					
		Tal	ole I - Non-	-Deriva	ative	e Se	curities	Acc	quired, I	Disp	osed o	f, or Bei	neficia	lly C	wned					
1. Title of Security (Instr. 3)  2. Transa Date (Month/D					Execution Date,			Code (Instr. 5)							S F lly (I ollowing (I	o. Owners Form: Dire D) or Indi I) (Instr. 4	ect E	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code	v	Amount (A) or (D)		Price		Transaction(s) (Instr. 3 and 4)				1115(1.4)		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
			(6	e.g., pu	uts,	cans	·													
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/Yea	Co	, Transac Code (In				6. Date Exercisa Expiration Date (Month/Day/Yea		e Amount of		of S Ig e Securit	De Se (In	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s	Owi Fori Dire or II (I) (I	nership n: ct (D) ndirect nstr. 4)	Beneficial Ownership (Instr. 4)	
				Co	ode	v	(A)	(D)	Date Exercisab		Expiration Date	Title	Amour or Number of Shares	er		(Instr. 4)				
Stock Option (right to buy)	\$1.95	03/29/2018			A		2,860 <sup>(1)</sup>		03/29/201	8 (	03/29/2028	Common Stock	2,860		\$1.58	2,860		D		

## **Explanation of Responses:**

1. These options were issued to the Reporting Person pursuant to the Issuer's Director Compensation Policy in lieu of \$4,531 of cash compensation for services rendered to the Issuer as a member of its Board of Directors and/or a committee thereof during the first quarter of 2018.

/s/ Megan N. Gates, attorney-

04/02/2018

Date

in-fact

\*\* 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).

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.