SEC Form 4	
FORM 4	

Instruction 1(b).

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

l	hours per response:	0.5
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I	OMB Number:	3235-0287

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

								Company									
1. Name and Address of Reporting Person* <u>VAN NOSTRAND ROBERT L</u>						2. Issuer Name and Ticker or Trading Symbol <u>YIELD10 BIOSCIENCE, INC.</u> [YTEN]							of Reportin able) r	ig Pers	on(s) to Is 10% O		
	LD10 BIOS	SCIENCE, INC.	(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 06/30/2021							Officer below)	(give title		Other (below)	specify	
19 PRESIDENTIAL WAY					4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Inc Line)	6. Individual or Joint/Group Filing (Check Applicable					
(Street) WOBUR	RN M	A	01801								X		led by Mo	•	rting Perso One Repo		
(City)	(St	tate)	(Zip)														
		Tab	le I - Nor	n-Deriva	ative Se	curities Acc	quired, I	ispose	d of, d	or Ben	eficially	y Owned	l				
Date																	
1. Title of S	Security (Inst	ir. 3)			Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transac Code (Ir) 8)	ion Dispo		Acquired (D) (Instr.		5. Amou Securitie Beneficia Owned F	nt of es ally Following	Form:	nership : Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership	
1. Title of S	Security (Inst	tr. 3)		Date	Day/Year)	Execution Date, if any	Transac Code (Ir	ion Dispo str. 5)	osed Of			5. Amou Securitie Beneficia	nt of es ally following d ion(s)	Form: (D) or	Direct	of Indirect Beneficial	
1. Title of S	Security (Inst			Date (Month/D Derivat	Day/Year)	Execution Date, if any	Transac Code (In 8) Code	ion Dispo str. 5) / Amou sposed	unt of, or	(D) (Instr. (A) or (D) • Benef	3, 4 and Price icially	5. Amou Securitie Beneficia Owned F Reported Transact (Instr. 3 a	nt of es ally following d ion(s)	Form: (D) or	Direct	of Indirect Beneficial Ownership	

					of (D) (Instr. 3 and 5)							Transaction(s) (Instr. 4)		
			Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (right to buy)	\$8.53	06/30/2021	A		562 ⁽¹⁾		06/30/2021	06/30/2031	Common Stock	562	\$8.06	562	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 second quarter of 2021.

<u>/s/ Megan N. Gates, attorney-</u> <u>in-fact</u>	<u>07/01/2021</u>
** 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.