FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Machinatan	D C	20540	
Nashington,	D.C.	20049	

STATEMENT	OF CHANGE	S IN BENEFICI	AL OWNERSHIP

OMB APPROVAL									
OMB Number: 3235-0287									
Estimated average burden									
hours per response: 0.									

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

Name and Address of Reporting Person* Hamilton Richard William					2. Issuer Name and Ticker or Trading Symbol YIELD10 BIOSCIENCE, INC. [YTEN]						(Che	elationship eck all app C Direct	,	ng Pers	son(s) to Is				
(Last)	(Fir	st) (M	/liddle)	-		3. Date of Earliest Transaction (Month/Day/Year) 03/31/2023								Office below	r (give title		Other (s below)	specify	
C/O YIELD10 BIOSCIENCE						If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable						
19 PRES	IDENTIAL	WAY, SUITE 2	01									1	Line) X Form filed by One Reporting Person						
(Street)	in M	A 0	1801											Form filed by More than One Reporting Person					
-					Rul	e 10)b5-	-1(c)	Trans	sact	ion Indi	catio	on						
(City)	(Sta	ate) (Z	ľip)			Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.									nded to				
		Table	I - Nor	n-Deriva	tive S	Secu	rities	s Acq	uired,	Dis	posed of	, or E	Bene	ficial	ly Own	ed			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da				Execution Da		Date,	Code (Instr.					Securit Benefic	5. Amount of Securities Beneficially Owned Following		: Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership			
									Code	v	Amount	(A) (D)	or	Price	Transa (Instr. 3	ction(s)			(Instr. 4)
Common	Stock			03/31/	2023				A		1,415(1)) A		\$ <mark>0</mark>	1,491			D	
	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)	if any	med on Date, Day/Year)	4. Transa Code (8)		ction of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4)		S (I	. Price of Derivative Security Instr. 5)	tive derivative ity Securities		10. Ownership Form: Direct (D) or Indirect I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code			Date Exercis	able	Expiration Date	Title	Amo or Num of Shar	nber						

Explanation of Responses:

1. Shares were issued to the Reporting Person pursuant to the Issuer's Director Compensation Policy in lieu of \$3,906 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 2023.

Remarks:

Charles B. Haaser, attorneyin-fact

04/04/2023

** 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.