SEC For	rm 4 FORM	4	UNITEI) STA	TES S	SECURITIE	ES AN	ID E	XCHAI	NG	ECC	MMIS	SION					
						Washi	ngton, D.	C. 205	49						OMB	APPRO	VAL	
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 OWNERSH Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940											Estim	OMB Number: 3235-0287 Estimated average burden 1 hours per response: 0.5			
1. Name and Address of Reporting Person* <u>Thackray Helen M.</u>												(Cheo	5. Relationship of Repor (Check all applicable) Director X Officer (give titl below)			10% Ov		
(Last) (First) (Mi 4505 EMPEROR BOULEVARD			(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 12/14/2023								Chief R&D Officer				
SUITE 200					4. If Am	endment, Date o	Line)	- /										
(Street) DURHAM NC 27703				X Form filed by One Reporting Person Form filed by More than One Reporting Person														
(City)	(S	State)	(Zip)		Rule 10b5-1(c) Transaction Indication 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.										o satisfy			
		Ta	able I - No	n-Deriv	ative S	ecurities Ac	quired	, Dis	posed of	f, o	r Bene	ficially	Owned					
1. Title of Security (Instr. 3)				2. Transaction Date (Month/Day/Year)		Execution Date,		action (Instr.	4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4					Form	Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership		
							Code	v	Amount		(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)				(Instr. 4)	
Common Stock				12/14	/2023		Α		51,000	(1)	Α	\$ <mark>0</mark>	258	,275		D		
Common Stock 12/					/2023		F		3,031	2)	D	\$6.43	255	,244		D		
						curities Acq IIs, warrants							wned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)			ansaction de (Instr.	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr	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. Numbo derivativ Securitie Beneficia Owned Followin	e s ally	10. Ownership Form: Direct (D) or Indirect	Beneficial Ownershi (Instr. 4)	

	Security					of (D) (Instr. 3, 4 and 5)							Following Reported Transaction(s)	(I) (Instr. 4)	
			Date Expiration		Amount or Number of Shares	(Instr. 4)									
Emp. Stock Option (Right to Buy)	\$6.43	12/14/2023		A		238,000		12/14/2024 ⁽³⁾	12/14/2033	Common Stock	238,000	\$0	238,000	D	

Explanation of Responses:

1. Annual award of Restricted Stock Units which will vest 25% on each of the first, second, third and fourth anniversaries of the date of grant.

2. Represents shares withheld by the issuer to satisfy required tax withholding obligations in connection with the vesting of previously granted Restricted Stock Units. This transaction does not represent a sale by the reporting person.

3. Annual Employee Option Grant becomes exercisable at the rate of 25% on each of the first, second, third and fourth anniversaries of the date of grant.

/s/ Alane P. Barnes, by power of	12/18/2023
<u>attorney</u>	12/10/2025

** 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.