

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL	
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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>Halpern Tucker R.</u> _____ (Last) (First) (Middle) <u>P.O. BOX 540</u> _____ (Street) <u>PORTSMOUTH NH 03802</u> _____ (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>12/27/2023</u>	3. Issuer Name and Ticker or Trading Symbol <u>Comera Life Sciences Holdings, Inc. [ CMRA ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <u>Member of 10% owner group</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>146,698</u>	<u>I</u>	<u>By Trust<sup>(1)</sup></u>

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<u>Warrants to Purchase Common Stock</u>	<u>02/01/2024</u>	<u>07/31/2028</u>	<u>Common Stock</u>	<u>256,723</u>	<u>0.6135</u>	<u>I</u>	<u>By Trust<sup>(1)</sup></u>
<u>Warrants to Purchase Common Stock</u>	<u>09/11/2023</u>	<u>09/11/2028</u>	<u>Common Stock</u>	<u>110,024</u>	<u>0.6135</u>	<u>I</u>	<u>By Trust<sup>(1)</sup></u>
<u>Warrants to Purchase Common Stock</u>	<u>12/29/2023</u>	<u>12/29/2028</u>	<u>Common Stock</u>	<u>1,090,908</u>	<u>0.055</u>	<u>I</u>	<u>By Trust<sup>(1)</sup></u>
<u>12.0% Senior Secured Convertible Notes</u>	<u>12/29/2023</u>	<u>12/29/2024</u>	<u>Common Stock</u>	<u>545,454</u>	<u>0.055</u>	<u>I</u>	<u>By Trust<sup>(1)</sup></u>

**Explanation of Responses:**

1. Held by Tucker R. Halpern 2020 Trust, of which the reporting person is the trustee.

/s/ Tucker R. Halpern

01/08/2024

\*\* 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 5 (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.**