

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 JOHN D</u> <hr/> (Last) (First) (Middle) PO BOX 540 <hr/> (Street) PORTSMOUTH NH 03802 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 12/27/2023	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 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) Member of 10% owner group	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" 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)
Common Stock	1,088,819	I	By Trust ⁽¹⁾

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			
Warrants to Purchase Common Stock	01/02/2023	01/02/2028	Common Stock	405,404	1.23	I	By Trust ⁽¹⁾
Warrants to Purchase Common Stock	02/01/2024	07/31/2028	Common Stock	855,745	0.6135	I	By Trust ⁽¹⁾
Warrants to Purchase Common Stock	09/11/2023	09/11/2028	Common Stock	366,748	0.6135	I	By Trust ⁽¹⁾
Warrants to Purchase Common Stock	12/29/2023	12/29/2028	Common Stock	4,073,744	0.055	I	By Trust ⁽¹⁾
12.0% Senior Secured Convertible Notes	12/29/2023	12/29/2024	Common Stock	2,036,872	0.055	I	By Trust ⁽¹⁾

1. Name and Address of Reporting Person* <u>HALPERN JOHN D</u> <hr/> (Last) (First) (Middle) PO BOX 540 <hr/> (Street) PORTSMOUTH NH 03802 <hr/> (City) (State) (Zip)		
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1. Name and Address of Reporting Person* <u>Halpern Katherine H.</u> <hr/> (Last) (First) (Middle)		
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P.O. BOX 540

(Street)

PORTSMOUTH NH

03802

(City)

(State)

(Zip)

Explanation of Responses:

1. Held by John D. Halpern Revocable Trust, of which both John D. Halpern and Katherine H. Halpern are trustees.

/s/ John D. Halpern

01/08/2024

/s/ Katherine H. 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.