

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>Soane David</u> <hr/> (Last) (First) (Middle) <u>C/O SOANE LABS, LLC</u> <u>380 NE 72ND TERRACE</u> <hr/> (Street) <u>MIAMI FL 33138</u> <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Comera Life Sciences Holdings, Inc. [CMRA]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/29/2023</u>	
	4. 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
Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> 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.		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								284,328 ⁽¹⁾⁽⁷⁾	I	By Trust ⁽²⁾
Common Stock								284,328 ⁽¹⁾⁽⁷⁾	I	By Trust ⁽³⁾
Common Stock								3,336,562 ⁽⁴⁾	I	By Trust ⁽⁵⁾
Common Stock								589,786 ⁽⁶⁾	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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and 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. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
12% Senior Secured Convertible Note	\$0.055	12/29/2023		P		1,363,636		12/29/2023	12/29/2024	Common Stock	1,363,636	\$75,000	1,363,636	I	By Trust ⁽²⁾
12% Senior Secured Convertible Note	\$0.055	12/29/2023		P		1,363,636		12/29/2023	12/29/2024	Common Stock	1,363,636	\$75,000	1,363,636	I	By Trust ⁽³⁾
Warrant (right to buy)	\$0.055	12/29/2023		P		2,727,272		12/29/2023	12/29/2028	Common Stock	2,727,272	\$0	2,727,272	I	By Trust ⁽²⁾
Warrant (right to buy)	\$0.055	12/29/2023		P		2,727,272		12/29/2023	12/29/2028	Common Stock	2,727,272	\$0	2,727,272	I	By Trust ⁽³⁾

1. Name and Address of Reporting Person*
Soane David

 (Last) (First) (Middle)
C/O SOANE LABS, LLC
380 NE 72ND TERRACE

 (Street)
MIAMI FL 33138

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Soane Family Trust

 (Last) (First) (Middle)
C/O SOANE LABS, LLC
380 NE 72ND TERRACE

 (Street)

MIAMI FL 33138

(City) (State) (Zip)

Explanation of Responses:

1. Includes 4,298 Earn-Out Shares. Earn-Out Shares are shares of Common Stock held in escrow, which shares will be released if, at any time prior to May 19, 2024, either (i) the volume-weighted average price of the Common Stock is equal to or greater than \$12.50 for twenty trading days within a thirty trading day period or (ii) upon a change of control with aggregate consideration in excess of \$12.50 per share of Common Stock.
2. Held by the Alexander V. Soane 2019 Irrevocable Trust. Members of David Soane's immediate family serve as trustee and are beneficiaries of such trusts. The reporting persons disclaim beneficial ownership except to the extent of their pecuniary interest therein and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purposes
3. Held by the Nicholas V. Soane 2019 Irrevocable Trust. Members of David Soane's immediate family serve as trustee and are beneficiaries of such trusts. The reporting persons disclaim beneficial ownership except to the extent of their pecuniary interest therein and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purposes
4. Includes 663,288 Earn-Out Shares
5. Held by The Soane Family Trust, of which David Soane is a trustee and members of the Dr. Soane's immediate family are trustees and beneficiaries. Dr. Soane disclaims beneficial ownership except to the extent of his pecuniary interest therein and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purposes
6. Includes 119,779 Earn-Out Shares
7. Excludes shares of Series A Convertible Perpetual Preferred Stock, par value \$.0001 per share ("Series A Preferred Stock") held by Comera SPV LLC ("Comera SPV"). The trust is a member of and has an economic interest in the Comera SPV, but it does not have voting or dispositive power with respect to any shares of the Series A Preferred Stock. The trust disclaims beneficial ownership of the Series A Preferred Stock held by the Comera SPV.

David Soane (individually) 01/03/2024

David Soane (as trustee of the Soane Family Trust) 01/03/2024

** 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 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.