

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

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>Klein Lawrence Otto</u> (Last) (First) (Middle) C/O ORUKA THERAPEUTICS, INC. 855 OAK GROVE AVE., SUITE 100 (Street) MENLO PARK CA 94025 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 08/29/2024	3. Issuer Name and Ticker or Trading Symbol <u>Oruka Therapeutics, Inc. [ORKA]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President and CEO	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)
Common Stock	852,338 ⁽¹⁾⁽²⁾	D	

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			
Warrant (Right to Buy)	(3)	07/14/2034	Common Stock	1,628,513	7.8	D	

Explanation of Responses:

- Effective as of August 29, 2024 (the "Effective Time"), a wholly-owned subsidiary of ARCA biopharma, Inc. ("ARCA") merged with and into Oruka Therapeutics, Inc. ("Oruka") with Oruka continuing as a wholly owned subsidiary of ARCA and the surviving corporation of the merger, and Oruka merged with and into a second wholly-owned subsidiary of ARCA ("Second Merger Sub"), with Second Merger Sub being the surviving entity of the merger resulting in, among other things, Oruka becoming a wholly owned subsidiary of ARCA (collectively, the "Merger"). At the Effective Time, ARCA effected a name change to "Oruka Therapeutics, Inc." (hereinafter, the "Issuer").
- Represents the number of shares of common stock of the Issuer received by the Reporting Person in the Merger in exchange for the shares of Oruka held by the Reporting Person prior to the Merger. Each share of Oruka common stock held at the Effective Time was exchanged for 6.8569 shares of the Issuer's common stock. On September 3, 2024, the Issuer effected a 1-for-12 reverse stock split of the Company common stock.
- This warrant represents a right to purchase 1,628,513 shares of the Issuer's common stock, one quarter of which will vest on April 3, 2025, with the remaining three quarters vesting in equal monthly installments over the following three years, subject to the Reporting Person's continued service to the Issuer on each such vesting date.

Remarks:

Exhibit 24 - Power of Attorney

/s/ Paul Quinlan, as attorney-in-fact for Lawrence Klein

09/06/2024

** 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.

POWER OF ATTORNEY

Know all by these present that the undersigned hereby constitutes and appoints each of Paul Quinlan, Diana Kwon, Ryan Murr, and any of their substitutes, signing individually, the undersigned's true and lawful attorneys-in-fact and agents to:

(1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director or beneficial owner of more than 10% of a registered class of securities of Oruka Therapeutics, Inc. (the "Company"), (a) Forms 3, 4 and 5 (including any amendments thereto) in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") and the rules thereunder and a (b) Form ID, Uniform Application for Access Codes to File on EDGAR, including Update Passphrase Confirmation;

(2) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to execute such Forms 3, 4 or 5 or Form ID (including any amendments thereto) and timely file such forms with the United States Securities and Exchange Commission and any stock exchange or similar authority; and

(3) take any other action of any nature whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, (b) revocation by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact or (c) as to any attorney-in-fact individually, until such attorney-in-fact is no longer employed by the Company or Gibson, Dunn & Crutcher LLP.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of August 29, 2024.

/s/ Lawrence Klein

Name: Lawrence Klein