

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>Ebbers Ed</u>	2. Date of Event Requiring Statement (Month/Day/Year) 01/11/2019	3. Issuer Name and Ticker or Trading Symbol <u>Pulse Biosciences, Inc. [PLSE]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP & GM, Dermatology</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>3957 POINT EDEN WAY</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) <u>HAYWARD CA 94545</u>			
(City) (State) (Zip)			

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>40,376⁽¹⁾</u>	<u>D</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				
<u>Stock Option (right to buy)</u>	<u>(2)</u>	<u>07/13/2026</u>	<u>Common Stock</u>	<u>56,159</u>	<u>4.68</u>	<u>D</u>
<u>Stock Option (right to buy)</u>	<u>(3)</u>	<u>02/15/2027</u>	<u>Common Stock</u>	<u>30,000</u>	<u>27.14</u>	<u>D</u>

Explanation of Responses:

- 10,863 shares are represented by restricted stock units ("RSUs"). Each RSU represents the Reporting Person's right to receive one share of Common Stock of the Issuer. Fifty percent (50%) of the RSUs will vest on June 1, 2019 and the remaining 50% will vest on June 1, 2021, subject to the Reporting Person's continued service through each vesting date.
- The original option was for 117,200 shares. The remaining unexercised shares subject to the option will vest in equal monthly installments and will be fully vested on July 11, 2020, subject to the Reporting Person's continued service through each vesting date.
- The shares subject to the option will vest in equal monthly installments over a four year period that began on February 15, 2017, subject to the Reporting Person's continued service through each vesting date.

Remarks:

/s/ Brian Dow, as Attorney-in-Fact 01/18/2019

** 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

The undersigned, as a Section 16 reporting person of PULSE BIOSCIENCES, INC. (the "Company"), hereby constitutes and appoints Darrin R. Uecker and Brian B. Dow, and each of them, the undersigned's true and lawful attorney-in-fact, to:

1. complete and execute Forms 3, 4 and 5 and other forms and all amendments thereto as such attorney-in-fact shall in his or her discretion determine to be required or advisable pursuant to Section 16 of the Securities Exchange Act of 1934 (as amended) and the rules and regulations promulgated thereunder, or any successor laws and regulations, as a consequence of the undersigned's ownership, acquisition or disposition of securities of the Company; and

2. do all acts necessary in order to file such forms with the U.S. Securities and Exchange Commission, any securities exchange or national association, the Company and such other person or agency as the attorney-in-fact shall deem appropriate.

The undersigned hereby ratifies and confirms all that said attorneys-in-fact and agents shall do or cause to be done by virtue hereof. 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 Securities Exchange Act of 1934 (as amended).

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms ID, 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the Company and the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 16th day of January, 2019.

Edward Ebbers

Signature: /s/ Edward Ebbers