

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>Nutritional Health LTP Fund General Partner LLC</u> (Last) (First) (Middle) 55 CAMBRIDGE PARKWAY, SUITE 800E (Street) CAMBRIDGE MA 02142 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 06/04/2020	3. Issuer Name and Ticker or Trading Symbol <u>Kaleido Biosciences, Inc. [KLDO]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	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	666,666 ⁽¹⁾	I	See Footnote ⁽²⁾

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			

1. Name and Address of Reporting Person*
Nutritional Health LTP Fund General Partner LLC
 (Last) (First) (Middle)
 55 CAMBRIDGE PARKWAY, SUITE 800E
 (Street)
 CAMBRIDGE MA 02142
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Nutritional Health LTP Fund, L.P.
 (Last) (First) (Middle)
 55 CAMBRIDGE PARKWAY, SUITE 800E
 (Street)
 CAMBRIDGE MA 02142
 (City) (State) (Zip)

Explanation of Responses:

1. On June 4, 2020, Nutritional Health LTP Fund, L.P. ("Nutritional LTP") acquired 666,666 shares pursuant to an underwritten public offering of common stock of the Issuer.

2. The shares are held by Nutritional LTP. Nutritional Health LTP Fund General Partner LLC ("Nutritional LTP GP") is the general partner of Nutritional LTP. Noubar B. Afeyan Ph.D. is the sole member and manager of Nutritional LTP GP. Each of the reporting persons except for Nutritional LTP disclaims beneficial ownership of such shares except to the extent of its pecuniary interest therein.

Remarks:

Nutritional Health LTP
Fund General Partner
LLC, By: /s/ Noubar B. 06/08/2020
Afeyan, Name: Noubar B.
Afeyan, Ph.D., Title:
Manager

Nutritional Health LTP
Fund, L.P., By: Nutritional
Health LTP Fund General
Partner LLC, its general 06/08/2020
partner, By: /s/ Noubar B.
Afeyan, Name: Noubar B.
Afeyan, Ph.D., Title:
Manager

** Signature of Reporting Date
Person

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.