

FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
OMB Number:	3235-0362
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- Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
- Form 3 Holdings Reported.
- Form 4 Transactions Reported.

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>Castelein Caley</u> (Last) (First) (Middle) <u>C/O AERPIO PHARMACEUTICALS, INC.,</u> <u>9987 CARVER ROAD, SUITE 420</u> (Street) <u>CINCINNATI OH 25242</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Aerpio Pharmaceuticals, Inc. [ARPO]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <u>12/31/2017</u>	
	4. 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 Form filed by More than One Reporting Person

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock	12/22/2017		J4	7,882	D	\$0.00	1,603,526	I	See Footnote ⁽¹⁾⁽²⁾
Common Stock	12/22/2017		J4	10,920	A	\$0.00	10,920	I	See Footnote ⁽³⁾

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)
					(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- Consists of (i) 1,571,475 shares of Common Stock owned directly by Kearny Venture Partners, L.P., or KVP, and (ii) 32,051 shares of Common Stock owned directly by Kearny Venture Partners Entrepreneurs Fund, L.P., or KVPE. The general partner of both KVP and KVPE is Kearny Venture Associates, L.L.C., or KVA. KVA has the sole voting and investment control over the shares owned by KVP and KVPE. The Managing Members of KVA share in the voting and investment control over such shares controlled by KVA. The Managing Members of KVA are Caley Castelein, Richard Spalding and James Shapiro. None of the Managing Members of KVA has individual voting or investment power with respect to such shares and each disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein. On December 22, 2017, Revelation TWHVP, LLC and TWHVP SPV, LLC, or the TWHVP entities,
- (Continued from footnote 1) were liquidated and their shares distributed on a pro rata basis to their members. Prior to this liquidation, Kearny Venture Associates II, LLC, or KVA II, was the Managing Member of the TWHVP entities. The Managing Members of KVA II were Caley Castelein, Andrew Jensen and Anupam Dalal. None of the Managing Members of KVA II had individual voting or investment power with respect to such shares and each disclaims past beneficial ownership of such shares except to the extent of any pecuniary interest therein.
- Consists of 10,920 shares of Common Stock distributed to Caley Castelein pursuant to the liquidation of the TWHVP entities.

Remarks:

/s/ Caley Castelein

02/14/2018

** 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.