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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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>Park West Asset Management LLC</u> (Last) (First) (Middle) 900 LARKSPUR LANDING CIRCLE, SUITE 165 (Street) LARKSPUR CA 94939 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 06/09/2017	3. Issuer Name and Ticker or Trading Symbol <u>PLx Pharma Inc. [PLXP]</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) <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, \$0.001 par value per share	1,075,723	I	See Footnotes ⁽¹⁾⁽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			
Warrants (right to buy)	12/15/2017	06/14/2027	Common Stock	1,018,181 ⁽³⁾	7.5	I	See Footnotes ⁽¹⁾⁽³⁾

Explanation of Responses:

- Park West Asset Management LLC (the "Reporting Person") is the investment manager to Park West Investors Master Fund, Limited, a Cayman Islands exempted company ("PWIMF"), and Park West Partners International, Limited, a Cayman Islands exempted company ("PWPI"). Peter S. Park ("Mr. Park") is the sole member and manager of the Reporting Person.
- As of the date of this report, PWIMF held 953,465 shares of Common Stock \$0.001, par value per share (the "Common Stock"), of PLx Pharma Inc. (the "Company"), and PWPI held 122,258 shares of Common Stock. Pursuant to Reg. Section 240.16a-1(a)(2), the Reporting Person's and Mr. Park's beneficial ownership is limited to their pecuniary interest, if any, in such securities.
- The warrants contain a provision prohibiting exercise to the extent that the holder, together with its affiliates, would beneficially own in excess of 9.99% of the number of shares of Common Stock outstanding immediately after giving effect to such exercise (subject to decrease upon written notice to the Company). As of the date of this report, PWIMF held warrants to purchase 902,528 shares of Common Stock, and PWPI held warrants to purchase 115,653 shares of Common Stock.

/s/ Grace Jimenez, Chief
Financial Officer of Park West 06/19/2017
Asset Management LLC

** 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.

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