

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person*</b> <u>Park West Asset Management LLC</u> _____ (Last) (First) (Middle) <u>900 LARKSPUR LANDING CIRCLE, SUITE 165</u> _____ (Street) <u>LARKSPUR CA 94939</u> _____ (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>Kindred Biosciences, Inc. [ KIN ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>06/20/2018</u>	
<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>		

**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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, \$0.0001 par value per share	06/20/2018		P		845,262	A	\$9.5	6,002,053	I	See Footnote <sup>(1)</sup>

**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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

**Explanation of Responses:**

1. 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 June 20, 2018, PWIMF held 5,397,002 shares of Common Stock, and PWPI held 605,051 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.

/s/ Grace Jimenez, Chief  
Financial Officer of Park West 06/22/2018  
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 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.