

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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

1. Name and Address of Reporting Person * <u>Honig Peter</u>  (Last) (First) (Middle) <u>11988 EL CAMINO REAL, SUITE 650</u>  (Street) <u>SAN DIEGO CA 92130</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Celladon Corp [ CLDN ]</u>  3. Date of Earliest Transaction (Month/Day/Year) <u>03/05/2015</u>  4. If Amendment, Date of Original Filed (Month/Day/Year)	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)  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
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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	03/05/2015		M		2,500	A	\$11.3	2,500	D	
Common Stock	03/05/2015		M		2,200	A	\$11.3	4,700	D	
Common Stock	03/05/2015		s <sup>(1)</sup>		2,500	D	\$22.5	2,200	D	
Common Stock	03/05/2015		s <sup>(1)</sup>		2,200	D	\$22.29	0	D	
Common Stock	03/06/2015		M		5,000	A	\$9.58	5,000	D	
Common Stock	03/06/2015		s <sup>(1)</sup>		5,000	D	\$25	0	D	

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		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock option (right to buy)	\$11.3	03/05/2015		M		2,500	04/02/2014 <sup>(2)</sup>	03/01/2024	Common Stock	2,500	\$0.00	20,000	D	
Stock option (right to buy)	\$11.3	03/05/2015		M		2,200	04/02/2014 <sup>(3)</sup>	03/01/2024	Common Stock	2,200	\$0.00	17,800	D	
Stock option (right to buy)	\$9.58	03/06/2015		M		5,000	06/20/2014 <sup>(4)</sup>	05/19/2024	Common Stock	5,000	\$0.00	12,800	D	

Explanation of Responses:

1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 plan adopted by the reporting person on December 12, 2014.
2. All shares subject to the option have vested and are exercisable as of the date of this filing.
3. 1/36th of the Option vests each month after March 2, 2014 (the "Vesting Commencement Date") such that the Option will be fully vested three years after March 2, 2014.
4. 1/12th of the Option vests each month after May 20, 2014 (the "Vesting Commencement Date") such that the Option will be fully vested one year after May 20, 2014.

Remarks:

/s/ Rebecque J. Laba, Attorney-in-Fact 03/09/2015

\*\* 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.

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