FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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).

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* Rieder Wendy E (Last) (First) (Middle) C/O MADRIGAL PHARMACEUTICALS, INC. 500 OFFICE CENTER DRIVE, SUITE 400 (Street) FORT WASHINGTON 19034					3. Da 07/2	2. Issuer Name and Ticker or Trading Symbol SYNTA PHARMACEUTICALS CORP [MDGL] 3. Date of Earliest Transaction (Month/Day/Year) 07/22/2016 4. If Amendment, Date of Original Filed (Month/Day/Year)								6. I	Dire X Offic below F Individual e) X Forr	Former SVP, Gen. Counsel dividual or Joint/Group Filing (Check Applicable		
(City)	(Sta	ate) (Z	Zip)															
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/				/Year)	Execution Date,						ies Acquired (A) Of (D) (Instr. 3,			nd Secu Bene Owne	nount of rities ficially ed wing	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	Repo Trans		(1130. 4)	(111301. 4)
Common Stock 07/22/)16				Α		25,714 ⁽¹)(2)	Α	\$0	2	6,280(2)	D	
Common Stock 07/22/2)16				F		8,550(3	(3) D		\$9.4	8 1	7,730(2)	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)	vative Conversion Date Execurity or Exercise (Month/Day/Year) if any		eemed tion Date, h/Day/Year) 4. Trans Code 8)				6. Date Exercisable and Expiration Date (Month/Day/Year) Date Expiration Date			7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4)		str. ount	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr.	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

Explanation of Responses:

- 1. Represents the vesting and settlement of restricted stock units ("RSUs") upon the completion of the Issuer's merger transaction with Madrigal Pharmaceuticals, Inc. on July 22, 2016.
- $2. \ Reflects \ a \ 1\text{-for-}35 \ reverse \ stock \ split \ that \ was \ effected \ by \ the \ Issuer \ on \ July \ 22, \ 2016.$
- 3. Shares withheld by the Registrant to satisfy minimum statutory withholding requirements upon vesting of RSUs. Withheld shares were not sold.

/s/ Garrett Winslow, Attorneyin-Fact 07/22/2016

** 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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