Cyclacel Pharmaceuticals, Inc.

Form 3/A

December 03, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement Cyclacel Pharmaceuticals, Inc. [CYCC] MARXE AUSTIN W & (Month/Day/Year) GREENHOUSE DAVID M 10/07/2010 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O SPECIAL SITUATIONS 10/13/2010 (Check all applicable) FUNDS. 527 MADISON **AVENUE, SUITE 2600** __X__ 10% Owner Director (Street) Officer Other 6. Individual or Joint/Group (give title below) (specify below) Filing(Check Applicable Line) _X_ Form filed by One Reporting Person NEW YORK, NYÂ 10022 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership (Instr. 4) Ownership (Instr. 4) (Instr. 5) Form: Direct (D) or Indirect (Instr. 5) Common Stock $I^{(5)}$ $4,490,882 \stackrel{(5)}{=}$ By Limited Partnerships (5) Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

currently valid OMB control number.

1. Title of Derivative	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
Security	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
(Instr. 4)	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)

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	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	
Warrants	01/19/2010	07/23/2014	Common Stock	670,623 (1)	\$ 1	I (1)	By Limited Partnerships (1)
Warrants	10/07/2010	10/07/2015	Common Stock	2,053,450 (2)	\$ 1.92	I (2)	By Limited Partnerships (2)
Options	10/07/2010	07/07/2011	Units	2,053,450 (3) (4)	\$ 1.67	I (3) (4)	By Limited Partnerships (3) (4)

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NYÂ 10022

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Signatures

Austin W. 12/03/2010 Marxe

**Signature of Date

Reporting Person

David M. Greenhouse 12/03/2010

**Signature of Date Reporting Person

Explanation of Responses:

- * 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).

This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Private Equity Fund, L.P. (PE) and Special

- (1) Situations Life Sciences Fund, L.P. (LS), respectively. 432,660 warrants are held by QP, 108,165 warrants are held by PE and 129,798 warrants are held by LS. The interest of Marxe and Greenhouse in the shares of warrants owned by QP, CAY, PE and LS is limited to the extent of his pecuniary interest.
 - This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (CAY), Special Situations
- (2) Private Equity Fund, L.P. (PE) and Special Situations Life Sciences Fund, L.P. (LS), respectively. 1,026,700 warrants are held by QP, 342,250 warrants are held by Cayman, 273,800 warrants are held by PE and 410,700 warrants are held by LS. The interest of Marxe and Greenhouse in the shares of warrants owned by QP, CAY, PE and LS is limited to the extent of his pecuniary interest.
- (3) This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cay), Special Situations Private Equity Fund, L.P. (PE) and Special Situations Life Sciences Fund, L.P. (LS), respectively, QP owns an Option to acquire 1,026,700 Units, Cayman owns an Option to acquire 342,250 Units, PE owns an option to acquire 273,800 Units and LS owns an Option

Reporting Owners 2

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to acquire 410,700 Units. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, CAY, PE and LS is limited to the extent of his pecuniary interest.

- (4) Pursuant to the terms of the Purchase Agreement dated October 4, 2010, the Special Situations Funds have the Options to acquire 2,053,450 Units. Each Unit consists of 1 share of Common Stock and .5 Warrants.
 - This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cay), Special Situations Private Equity Fund, L.P. (PE) and Special Situations Life Sciences Fund, L.P. (LS), respectively 2,301,131 shares of Common Stock are
- held by QP, 684,500 shares of Common Stock are held by CAY, 609,533 shares of Common Stock are held by PE and 895,718 shares of Common Stock are held by LS. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, CAY, PE and LS is limited to the extent of his pecuniary interest.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.