VIACELL Form 4 November 2 FORN Check to if no los subject Section Form 4 Form 5 obligati may con <i>See</i> Inst 1(b).	20, 2007 <b>A</b> UNITED this box nger to 16. or Filed pu ons ntinue.	MENT OF CH arsuant to Section (a) of the Public	Washingto ANGES I SECU n 16(a) of c Utility H	on, D.C. 205 N BENEFIC URITIES	<b>49</b> CIAL es Ex pany	COWN change Act of	NERSHIP OF e Act of 1934, 1935 or Sectio	OMB Number: Expires: Estimated burden he response		
(Print or Type	Responses)									
	Address of Reporting SET MANAGEM	ENT II Symb		and Ticker or T C [VIAC]	rading	Ş	5. Relationship of Issuer	Reporting P		
	<sup>(First)</sup> ASSET MENT, 200 DON STREET, 54	te of Earliest th/Day/Year 9/2007	of Earliest Transaction Day/Year)Director					X 10% Owner		
BOSTON,		Ionth/Day/Year) App				6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person _X Form filed by More than One Reporting				
(City)	(State)	(Zip)	Fable I - No	n-Derivative S	ecuriti	ies Acai	Person uired, Disposed of	f. or Benefic	ially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		3. Transacti Code ) (Instr. 8)	4. Securities ionor Disposed o (Instr. 3, 4 an	Acquin of (D) ad 5) (A) or	red (A)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		7. Nature of Indirect	
Common Stock	11/09/2007		Code V U	Amount 5,012,274	(D) D	Price \$ 7.25	0	Ι	By BB BioVentures LP (1)	
Common Stock	11/09/2007		U	335,628	D	\$ 7.25	0	I	By MPM BioVentures Parallel Fund LP (1)	
Common Stock	11/09/2007		U	25,283	D	\$ 7.25	0	I	By MPM Asset Management Investors 2000A LLC	

Common Stock	11/09/2007	U	14,444	D	\$ 7.25	0	Ι	By MPM BioVentures II LP (2)
Common Stock	11/09/2007	U	130,880	D	\$ 7.25	0	I	By MPM BioVentures II-QP LP (2)
Common Stock	11/09/2007	U	46,089	D	\$ 7.25	0	I	By MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG (2)
Common Stock	11/09/2007	U	2,715	D	\$ 7.25	0	I	By MPM Asset Management Investors 2001 LLC (2)

Reminder: Report on a separate line for each class of securities beneficially 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 currently valid OMB control number.

# 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)	4. Transactic Code (Instr. 8)	5. ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Х

MPM ASSET MANAGEMENT II LLC C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116

**Reporting Owners** 

MPM ASSET MANAGEMENT II LP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	х	
MPM BIOVENTURES II QP LP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
MPM BIOVENTURES II LP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
MPM BIOVENTURES GMBH & CO PARALLEL BETEILIGUNGS KG C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
MPM ASSET MANAGEMENT INVESTORS 2001 LLC C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
STEINMETZ MICHAEL C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
GADICKE ANSBERT C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
GALAKATOS NICHOLAS C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
WHEELER KURT C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Х	
Signatures		
By Luke Evnin, investment manager of MPM Asset Management II LLC /s/ Luke Evnin		11/20/2007
**Signature of Reporting Person		Date
By Luke Evnin, investment manager of MPM Asset Management II LLC, the general part of MPM Asset Management II LP /s/ Luke Evnin	ner	11/20/2007
**Signature of Reporting Person		Date

By Luke Evnin, investment manager of MPM Asset Management II LLC, the general of MPM Management II LP, the general partner of MPM BioVentures II-QP, LP /s/ Lv Evnin	*
**Signature of Reporting Person	Date
By Luke Evnin, investment manager of MPM Asset Management II LLC, the general of MPM Asset Management II LP, the general partner of MPM BioVentures II, LP /s/ Evnin	<b>^</b>
**Signature of Reporting Person	Date
By Luke Evnin, investment manager of MPM Asset Management II LLC, the general of MPM Asset Management II LP, the special limited partner of MPM BioVentures Gr Co. Parallel-Beteiligungs KG /s/ Luke Evnin	<b>A</b>
**Signature of Reporting Person	Date
By Luke Evnin, investment manager of MPM Asset Management Investors 2001 LLC Luke Evnin	2/s/ 11/20/2007
**Signature of Reporting Person	Date
/s/ Michael Steinmetz	11/20/2007
**Signature of Reporting Person	Date
/s/ Ansbert Gadicke	11/20/2007
**Signature of Reporting Person	Date
/s/ Nicholas Galakatos	11/20/2007
**Signature of Reporting Person	Date
/s/ Kurt Wheeler	11/20/2007
**Signature of Reporting Person	Date

### **Explanation of Responses:**

\* 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).

BAB BioVentures L.P. and BAB BioVentures NV ("BAB NV") are the direct and indirect general partners of BB BioVentures, L.P. MPM BioVentures I L.P. and MPM BioVentures I LLC ("BioVentures LLC") are the direct and indirect general partners of MPM

(1) BioVentures Parallel Fund, L.P. BioVentures LLC has a 50% voting interest in BAB NV. Luke Evnin, Ansbert Gadicke and Michael Steinmetz are the managers of BAB NV, MPM Asset Management Investors 2000A LLC and BioVentures LLC. Each member of the group disclaims beneficial ownership of the securities except to the extent of its pecuniary interest therein.

MPM Asset Management II, L.P. and MPM Asset Management II LLC ("AM II LLC") are the direct and indirect general partners of MPM BioVentures II-QP, L.P, MPM BioVentures II, L.P and MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG. Luke Evnin,

(2) Ansbert Gadicke, Michael Steinmetz, Nicholas Galakatos and Kurt Wheeler are the managers of AM II LLC and MPM Asset Management Investors 2001 LLC. Each of the group disclaims beneficial ownership of the securities except to the extent of their pecuniary interest therein.

#### **Remarks:**

See Form 4 filed for MPM BioVentures I LLC for additional members of the joint filing.

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.