VIACELL INC

Form 4

November 20, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31,

Estimated average

2005

0.5

burden hours per response...

> _X__ 10% Owner __ Other (specify

OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MPM BIO VENTURES I LLC

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

(Last) (First)

(Middle)

VIACELL INC [VIAC] 3. Date of Earliest Transaction

(Check all applicable)

C/O MPM ASSET

MANAGEMENT, 200

CLARENDON STREET, 54TH

(Street)

FLOOR

4. If Amendment, Date Original

Applicable Line)

Director

Officer (give title

Filed(Month/Day/Year)

(Month/Day/Year)

11/09/2007

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

BOSTON, MA 02116

(City)	(State)	(Zip) 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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	11/09/2007		U	5,012,274		\$ 7.25	0	I	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

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Common Stock	11/09/2007	U	14,444	D	\$ 7.25	0	I	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

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.

SEC 1474 (9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secu
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		
				Code v	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

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

X

Reporting Owners 2

BB BIOVENTURES L P C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	X
BAB BIO VENTURES LLP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	X
BAB BIO VENTURES NV C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	X
MPM ASSET MANAGEMENT INVESTORS 2000A LLC C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	X
MPM BIOVENTURES PARALLEL FUND L P C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	X
MPM BIOVENTURES I LP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	X

Signatures

By Luke Evnin, manager of MPM BioVentures I LLC /s/ Luke Evnin	11/20/2007
**Signature of Reporting Person	Date
By Luke Evnin, manager of BAB BioVentures, N.V., the general partner of BAB BioVentures L.P., the general partner of BB BioVentures L.P. /s/ Luke Evnin	11/20/2007
**Signature of Reporting Person	Date
By Luke Evnin, manager of BAB BioVentures, N.V., the general partner of BAB BioVentures L.P. /s/ Luke Evnin	11/20/2007
**Signature of Reporting Person	Date
By Luke Evnin, manager of BAB BioVentures NV /s/ Luke Evnin	11/20/2007
**Signature of Reporting Person	Date
By Luke Evnin, manager of MPM Asset Management Investors 2000A LLC./s/ Luke Evnin	11/20/2007
**Signature of Reporting Person	Date
By Luke Evnin, manager of MPM BioVentures I LLC, the general partner of MPM Bioventures I L.P., the general partner of MPM BioVentures Parallel Fund, L.P. /s/ Luke Evnin	11/20/2007

Signatures 3

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**Signature of Reporting Person

Date

By Luke Evnin, manager of MPM BioVentures I LLC, the general partner of MPM BioVentures I L.P. /s/ Luke Evnin

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 II 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.