RIGEL PHARMACEUTICALS INC Form SC 13G/A September 01, 2004

United States Securities and Exchange Commission WASHINGTON, D.C. 20549

> Schedule 13G (Amendment No. _8_) *

UNDER THE SECURITIES EXCHANGE ACT OF 1934
RIGEL PHARMACEUTICALS, INC.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
766559108
(CUSIP Number)
August 20, 2004
(Date of Event That Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
_ Rule 13d-1(b)
X Rule 13d-1(c)
_ Rule 13d-1(d)
* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 766559108 Page 2 c

⁽¹⁾ Names of Reporting Persons. SS or I.R.S. Identification Nos. of Above Persons

Alta Partners

(4) Citizenship or Place of Organization

	Check The Appropriate Box If A Member Of A			(a) (b) X
(3)	SEC Use Only			
(4)	Citizenship or Place of Organization			
	California			
	Please see Attachment	A		
	Of Shares ially Owned	(5)	Sole Voting Power	-0-
	By Each Reporting Person With		Shared Voting Power Please see A	1,097,880 attachment
			Sole Dispositive Power	
		(8)	Shared Dispositive Power Please see A	1,097,880 ttachment
(9)	Aggregate Amount Beneficially Owned By Eac			
	1,097,880 Please see Attachment A			
(10)	Check If The Aggregate Amount In Row (11)			
(11)	Percent Of Class Represented By Amount In			
	5.91% Please see Attachment A			
(12)				
	IA			
	*SEE INSTRUCTION BEFORE FILLI			
CUSTP N	o. 766559108			Page 3 c
00011 10	. , , , , , , , , , , , , , , , , , , ,			rage 5 c
(1)	Names of Reporting Persons. SS or I.R.S. I	dentific	cation Nos. of Above Persons	
	Alta Partners II, Inc.			
(2)	Check The Appropriate Box If A Member Of A			(a) (b)
(3)	SEC Use Only			

	California			
	Please see Attachment A			
	Of Shares Hially Owned		Sole Voting Power	
	Reporting	(6)	Shared Voting Power Please see	1,097,88 Attachment
			Sole Dispositive Power	
		(8)	Shared Dispositive Power	1,097,88
(9)	Aggregate Amount Beneficially Owned By Each			
	1,097,880 Please see Attachment A a			
(10)	Check If The Aggregate Amount In Row (11) E.			
(11)	Percent Of Class Represented By Amount In R			
	5.91% Please see Attachment A			
(12)				
	IA			
	*SEE INSTRUCTION BEFORE FILLING	G OUT!		
CUSIP N	o. 766559108			Page 4 c
(1)	Names of Reporting Persons. SS or I.R.S. Id	entific	cation Nos. of Above Persons	 3
	Alta California Partners, L. P.			
(2)	Check The Appropriate Box If A Member Of A	Group		(a) (b)
(3)	SEC Use Only			
(4)	Citizenship or Place of Organization			
	Delaware			
	Please see Attachment A			
Benefic	Of Shares ially Owned	(5)	Sole Voting Power	-0-
By Each Person	Reporting With	(6)	Shared Voting Power Please see	1,097,88

			Sole Dispositive Power	-0-
		(8)	Please see A	1,097,880 Attachment
(9)	Aggregate Amount Beneficially Owned By Ea			
	1,097,880 Please see Attachment A	and Foot	note 3	
(10)	Check If The Aggregate Amount In Row (11)	Exclude		
(11)	Percent Of Class Represented By Amount In			
	5.91% Please see Attachment A			
(12)	Type Of Reporting Person			
	PN			
CUSIP No	o. 766559108			Page 5 c
CUSIP No (1)	o. 766559108 Names of Reporting Persons. SS or I.R.S.			_
(1)	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P	[dentifio	cation Nos. of Above Persons	
(1)	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P Check The Appropriate Box If A Member Of	(dentific	cation Nos. of Above Persons	(a) (b)
(1)	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P	(dentific	cation Nos. of Above Persons	(a) (b)
(1)	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P Check The Appropriate Box If A Member Of	(dentific	cation Nos. of Above Persons	(a) (b)
(1) (2) (3) (4)	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P Check The Appropriate Box If A Member Of SEC Use Only Citizenship or Place of Organization Delaware	Identifio	cation Nos. of Above Persons	(a) (b)
(1) (2) (3) (4)	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P Check The Appropriate Box If A Member Of SEC Use Only Citizenship or Place of Organization Delaware Please see Attachment	Identific	cation Nos. of Above Persons	(a) (b)
(1) (2) (3) (4) Number O	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P Check The Appropriate Box If A Member Of SEC Use Only Citizenship or Place of Organization Delaware Please see Attachment Of Shares ially Owned	Identific	Sole Voting Power	(a) (b)
(1) (2) (3) (4) Number O	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P Check The Appropriate Box If A Member Of SEC Use Only Citizenship or Place of Organization Delaware Please see Attachment Of Shares ially Owned Reporting	(6)	Sole Voting Power Shared Voting Power Please see	(a) (b)0- 1,097,880 Attachment
(1) (2) (3) (4) Number O Benefici By Each	Names of Reporting Persons. SS or I.R.S. Alta California Management Partners, L. P Check The Appropriate Box If A Member Of SEC Use Only Citizenship or Place of Organization Delaware Please see Attachment Of Shares ially Owned Reporting	A Group (5) (6)	Sole Voting Power Shared Voting Power	(a) (b) -0- 1,097,880 Attachment

(10)	Check If The	e Aggregate Amount In Row (11) Exclude:	s Certain Shares*		
(11)		lass Represented By Amount)		
	5.91%	Please see Attachmen				
	Type Of Repor					
	PN					
CUSIP N	No. 766559108				Page 6 c	
(1)				cation Nos. of Above Person		
		dero Partners, LLC				
(2)		propriate Box If A Member			(a) (b)	
(3)						
(4)		or Place of Organization				
	California					
		Please see Attachm				
Benefic	Of Shares		(5)	3		
By Each Person	n Reporting With		(6)	Shared Voting Power Please se	1,097,880 e Attachment	
			(7)	Sole Dispositive Power	-0-	
			(8)	Shared Dispositive Power Please se	1,097,880 e Attachment	
(9)		nount Beneficially Owned By				
		Please see Attachmen		tnote 5		
		e Aggregate Amount In Row (
	Percent Of Class Represented By Amount In Row (11)					
		Please see Attachmen				
(12)	Type Of Repo	orting Person				

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CUSIP No	o. 766559108			Page 7 o
(1)	Names of Reporting Persons. SS or I.R.S. 1	Identifi	cation Nos. of Above Persons	
	Alta BioPharma Partners II, L.P.			
(2)				
(3)	SEC Use Only			
(4)	Citizenship or Place of Organization			
	Delaware			
Benefici	Please see Attachment Of Shares Lally Owned	A (5)	Sole Voting Power	-0-
By Each Person W	Reporting With	(6)	Shared Voting Power Please see At	
		(7)	•	-0-
		(8)	Shared Dispositive Power Please see	1,097,880
(9)	Aggregate Amount Beneficially Owned By Eac	ch Report	ting Person	
	1,097,880 Please see Attachment A	and Foot	tnote 6	
(10)	Check If The Aggregate Amount In Row (11)		s Certain Shares*	
(11)	Percent Of Class Represented By Amount In			
	5.91% Please see Attachment A			
(12)	Type Of Reporting Person			
	PN			

Page 8				0. 766559108	CUSIP No
	cation Nos. of Above Persons	entifica	SS or I.R.S. I	Names of Reporting Person	(1)
				Alta BioPharma Managemen	
(a) (b)		Group	f A Member Of A	Check The Appropriate Bo:	(2)
				SEC Use Only	(3)
				Citizenship or Place of ((4)
				Delaware	
			see Attachment		
-0-	Sole Voting Power	(5)		Of Shares ially Owned	
1,097,88	Shared Voting Power Please see	(6)		Reporting With	By Each Person V
	Sole Dispositive Power				
1,097,88 Attachmen	Shared Dispositive Power Please see	(8)			
				Aggregate Amount Benefic	(9)
	otnote 7	nd Footr	e Attachment A	1,097,880 Please	
	es Certain Shares*		nt In Row (11)	Check If The Aggregate An	(10)
	.)		d By Amount In	Percent Of Class Represe	(11)
			e Attachment A		
				Type Of Reporting Person	(12)
				CO	
					(12)

CUSIP No. 766559108

Page 9 c

(1) Names of Reporting Persons. SS or I.R.S. Identification Nos. of Above Persons

Alta Embarcadero BioPharma Partners II, LLC.

(2) Check The Appropriate Box If A Member Of A Group

(a)

				(b)
(3)	SEC Use Only			
(4)	Citizenship or Place of Organization			
	Delaware			
	Please see Attachment $\it R$			
	Of Shares ially Owned	(5)	Sole Voting Power	-0-
	Reporting		Shared Voting Power	
1010011		(0)	Please see A	ttachment
			Sole Dispositive Power	-0-
		(8)	Please see	1,097,880 Attachmer
(9)	Aggregate Amount Beneficially Owned By Each			
	1,097,880 Please see Attachment A a	and Foc		
(10)	Check If The Aggregate Amount In Row (11) H			
(11)	Percent Of Class Represented By Amount In F			
	5.91% Please see Attachment A			
(12)				
	CO			
CUSIP N	0. 766559108			Page
(1)	Names of Reporting Persons. SS or I.R.S. Id			
	Farah Champsi			
(2)	Check The Appropriate Box If A Member Of A	Group		(a) (b)
(3)	SEC Use Only			
(4)	Citizenship or Place of Organization			
	United States			
	Please see Attachment A Of Shares ially Owned		Sole Voting Power	1,998

By Each Reporting Person With		(6)	Shared Voting Power Please s	1,063,157 ee Attachment
		(7)	Sole Dispositive Power	1,998
		(8)	Shared Dispositive Powe	r 1,063,15 ee Attachment
(9)	Aggregate Amount Beneficially Owned I			
	1,065,155 Please see Attachmo			
	Check If The Aggregate Amount In Row			
(11)	Percent Of Class Represented By Amoun			
	5.67% Please see Attachmo			
(12)				
	IN			
	*SEE INSTRUCTION BEFORE	FILLING OUI:		
CUSIP No	o. 766559108			Page 11
(1)	Names of Reporting Persons. SS or I.	R.S. Identific	ation Nos. of Above Perso	ns
	Jean Deleage			
(2)	Check The Appropriate Box If A Member	r Of A Group		(a) (b)
(3)	SEC Use Only			
(4)	Citizenship or Place of Organization			
	United States			
	Please see Attacl	hment A		
Benefic	Of Shares ially Owned	(5)	Sole Voting Power	
-By Each Person V	n Reporting With	(6)		1,097,880 ee Attachment
		(7)	Sole Dispositive Power	29,038
		(8)	Shared Dispositive Pow	

Please see Attachment

(9)	Aggregate Amount Beneficially Owned By Eac	h Report	ting Person		
	1,126,918 Please see Attachment A and f	ootnote	10		
(10)	Check If The Aggregate Amount In Row (11)	Exclude	s Certain Shares*		
(11)	Percent Of Class Represented By Amount In				
	5.99% Please see Attachment A				
(12)					
	IN				
	*SEE INSTRUCTION BEFORE FILLI				
CUSIP N	o. 766559108			Page 12	
(1)	Names of Reporting Persons. SS or I.R.S. I				
	Garrett Gruener				
(2)		Group		(a) (b)	
(3)	SEC Use Only				
(4)	Citizenship or Place of Organization				
	United States				
	Please see Attachment	A			
Benefic	Of Shares ially Owned		Sole Voting Power		
By Each Person	Reporting With		Shared Voting Power Please se	34,723 e Attachmen	
		(7)			
		(8)		r 34,723 e Attachmen	
(9)	Aggregate Amount Beneficially Owned By Each Reporting Person				
	50,587 Please see Attachment A	and foot	tnote 11		
(10)	heck If The Aggregate Amount In Row (11) Evaludes Certain Shares*				

(11) Percent Of Class Represented By Amount In Row (11)

	0.27%	Please see Attachment A			
(12)	Type Of Reporting	Person			
	IN				
	*SEE	INSTRUCTION BEFORE FILL			
CUSIP N	o. 766559108				Page 13
(1)	Names of Reportin	g Persons. SS or I.R.S.	Identific	cation Nos. of Above Persons	;
	Alix Marduel				
	Check The Appropr	iate Box If A Member Of	A Group		(a) (b) X
	SEC Use Only				
		ace of Organization			
	United States				
,	0.5. 01	Please see Attachment	А		
Benefic	Of Shares ially Owned			Sole Voting Power	
By Each Person	Reporting With		(6)		1,063,1 Attachment
			(7)	Sole Dispositive Power	2,378
			(8)		
(9)		Beneficially Owned By Ea			
	1,065,535	Please see Attachment A		note 12	
(10)	Check If The Aggr	egate Amount In Row (11)	Excludes	s Certain Shares*	
(11)		Represented By Amount In			
	5.67%	Please see Attachment A			
(12)	Type Of Reporting	Person			
	IN				
		INSTRUCTION BEFORE FILL			

CUSIP No.	. 766559108				Page 14
(1)	Names of Reporting	g Persons. SS or I.R.S. Id	entificat	ion Nos. of Above Persons	
	Guy Nohra				
(2)		iate Box If A Member Of A	Group		(a) (b)
(3)	SEC Use Only				
(4)		ace of Organization			
	United States				
		Please see Attachment A			
	ally Owned		(5)	Sole Voting Power	15,122
_	By Each Reporting Person With		(6)	Shared Voting Power Please see	
			(7)	Sole Dispositive Power	
			(8)	Shared Dispositive Power Please see	34,723
(9)	Aggregate Amount	Beneficially Owned By Each			
	•	Please see Attachment A a			
(10)		egate Amount In Row (11) E	Excludes Co	Certain Shares*	
(11)	Percent Of Class	Represented By Amount In R			
	0.27%	Please see Attachment A			
(12)	Type Of Reporting	Person			
	IN				
	*SEE	INSTRUCTION BEFORE FILLIN	G OUT!		

Item 1.

- (a) Name of Issuer: Rigel Pharmaceuticals, Inc. ("Issuer")
- (b) Address of Issuer's Principal Executive Offices:

1180 Veterans Boulevard South San Francisco, CA 94080

Item 2.

(a) Name of Person Filing:

Alta Partners ("AP")
Alta Partners II, Inc. ("AP II")
Alta California Partners, L.P. ("ACP")
Alta California Management Partners, L.P. ("ACMP")
Alta Embarcadero Partners, LLC ("AEP")
Alta BioPharma Partners II, L.P. ("ABP II")
Alta BioPharma Management Partners II, LLC ("ABMP II")
Alta Embarcadero BioPharma Partners II, LLC ("AEBP II")
Farah Champsi ("FC")
Jean Deleage ("JD")
Garrett Gruener ("GG")
Alix Marduel ("AM")
Guy Nohra ("GN")

(b) Address of Principal Business Office:

One Embarcadero Center, Suite 4050 San Francisco, CA 94111

(c) Citizenship/Place of Organization:

Entities: California California AP II Delaware ACP ACMP Delaware California AEP ABP II Delaware ABMP II Delaware AEBP II California

Individuals: FC United States

JD United States

GG United States

AM United States

GN United States

United States

- (d) Title of Class of Securities: Common Stock
- (e) CUSIP Number: 766559108

Item 3. Not applicable.

Item 4 Ownership.

Please see Attachment A

		AP	AP II	ACP	ACMP	AEP	ABP I
(a)	Beneficial	1,097,880	1,097,880	1,097,880	1,097,880	1,097,880	1,097,

	Ownership						
(b)	Percentage of Class	5.91%	5.91%	5.91%	5.91%	5.91%	5.91
(c)	Sole Voting Power	-0-	-0-	-0-	-0-	-0-	-0-
	Shared Voting Power	1,097,880	1,097,880	1,097,880	1,097,880	1,097,880	1,097,
	Sole Dispositive Power	-0-	-0-	-0-	-0-	-0-	-0-
	Shared Dispositive Power	1,097,880	1,097,880	1,097,880	1,097,880	1,097,880	1,097,
		AEBP II	FC	JD	GG	АМ	GN
(a)	Beneficial Ownership	1,097,880	1,065,155	1,126,918	50 , 587	1,065,535	49 , 84
(b)	Percentage of Class	5.91%	5.67%	5.99%	0.27%	5.67%	0.27
(c)	Sole Voting Power	-0-	1,998	29,038	15 , 864	2 , 378	15,12
	Shared Voting Power	1,097,880	1,063,157	1,097,880	34,723	1,063,157	34 , 72
	Sole Dispositive Power	-0-	1,998	29,038	15 , 864	2 , 378	15 , 12
	Shared Dispositive Power	1,097,880	1,063,157	1,097,880	34,723	1,063,157	34,72

Item 5. Ownership of Five Percent or Less of a Class

Not Applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group

No reporting person is a member of a group as defined in Section 240.13d-1 (b) (1) (ii) (H) of the Act.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification

By signing below we certify that, to the best of our knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

A: Joint Filing Statement

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: August 30, 2004

ALTA PARTNERS ALTA CALIFORNIA PARTNERS, L.P.

By: Alta California Management Partners, L.

ALTA BIOPHARMA MANAGEMENT PARTNERS II, LLC

By: /s/ Jean Deleage By: /s/ Jean Deleage .

Jean Deleage, President Jean Deleage, General Partner

ALTA CALIFORNIA MANAGEMENT PARTNERS, L.P. ALTA EMBARCADERO PARTNERS, LLC

By: /s/ Jean Deleage By: /s/ Jean Deleage

Jean Deleage, General Partner Jean Deleage, Member

ALTA PARTNERS II, INC.

By: /s/ Jean Deleage

Jean Deleage, President

ALTA BIOPHARMA PARTNERS II, L.P.

By: Alta BioPharma Management Partners II, LLC $\,$

y. Area Brotharma Management Parchers 11, BBC

By: /s/ Farah Champsi By: /s/ Farah Champsi

Farah Champsi, Managing Director Farah Champsi, Managing Director

ALTA EMBARCADERO BIOPHARMA PARTNERS II, LLC

By:	/s/ Farah Champsi	/s/ Alix Marduel		
	Farah Champsi, Manager	Alix Marduel		
	/s/ Jean Deleage	/s/ Guy Nohra		
	Jean Deleage	Guy Nohra		
	/s/ Garrett Gruener	/s/ Farah Champsi		
	Garrett Gruener	Farah Champsi		
	EXHIBIT A			
	AGREEMENT OF JOINT	FILING		
Date:	August 30, 2004			
	Signature			
certify correct	After reasonable inquiry and to the bey that the information set forth in this t.			
ALTA PARTNERS		ALTA CALIFORNIA PARTNERS, L.P.		
		By: Alta California Management Partners, I		
By:	/s/ Jean Deleage	By: /s/ Jean Deleage .		
	Jean Deleage, President	Jean Deleage, General Partner		
ALTA CA	ALIFORNIA MANAGEMENT PARTNERS, L.P.	ALTA EMBARCADERO PARTNERS, LLC		
Ву:	/s/ Jean Deleage	By: /s/ Jean Deleage		
	Jean Deleage, General Partner	Jean Deleage, Member		
ALTA E	PARTNERS II, INC.			
Ву:	/s/ Jean Deleage			
	Jean Deleage, President			

ALTA BIOPHARMA PARTNERS II, L.P.

By: Alta BioPharma Management Partners II, LLC

ALTA BIOPHARMA MANAGEMENT PARTNERS II,

ву:	/s/ Farah Champsı	ву:	/s/ Farah Champsı
	Farah Champsi, Managing Director		Farah Champsi, Managing Director
ALTA E	EMBARCADERO BIOPHARMA PARTNERS II, LLC		
Ву:	/s/ Farah Champsi		/s/ Alix Marduel
	Farah Champsi, Manager		Alix Marduel
	/s/ Jean Deleage		/s/ Guy Nohra
	Jean Deleage		Guy Nohra
	/s/ Garrett Gruener		/s/ Farah Champsi
	Garrett Gruener		Farah Champsi

Attachment A

Alta Partners provides investment advisory services to several venture capital funds including Alta California Partners, L.P. and Alta Embarcadero Partners, LLC. On August 20, 2004, Alta California distributed 352,434 shares of Common Stock to its general and limited partners, and Alta Embarcadero Partners, LLC distributed 8,049 shares of Common Stock to its members. As a result of the distribution, Alta California Partners, L.P. now beneficially owns Warrants to purchase 33,947 shares of Common Stock, and Alta Embarcadero Partners, LLC now beneficially owns Warrants to purchase 776 shares of Common Stock. The respective general partners and members of Alta California Partners L.P. and Alta Embarcadero Partners, LLC exercise sole voting and investment power with respect to the shares owned by such funds.

Certain principals of Alta Partners are general partners of Alta California Management Partners, L.P. (which is a general partner of Alta California Partners, L.P.), and members Alta Embarcadero Partners, LLC. As general partners and members of such funds, they may be deemed to share voting and investment powers over the shares held by the funds. The principals of Alta Partners disclaim beneficial ownership of all such shares held by the foregoing funds, except to the extent of their proportionate pecuniary interests therein.

Alta Partners II, Inc. provides investment advisory services to several venture capital funds including Alta BioPharma Partners II, L.P. and Alta Embarcadero BioPharma Partners II, LLC. On August 20, 2004, Alta BioPharma Partners II, L.P. distributed 403,892 shares of Common Stock to its general and limited partners, and Alta Embarcadero BioPharma Partners II, LLC distributed 14,858 shares of Common Stock to its members. As a result of the distribution, Alta BioPharma Partners II, L.P. now beneficially owns 807,748 shares of Common Stock and Warrants to purchase 217,686 shares of Common stock, and Alta Embarcadero BioPharma Partners II, LLC now beneficially owns 29,715 shares Common Stock and Warrants to purchase 8,008 shares of Common Stock. The managing directors of Alta BioPharma Partners II, L.P. and managers of Alta Embarcadero BioPharma Partners II, LLC exercise sole voting and investment power in respect to the shares owned by such funds.

Certain principals of Alta Partners II, Inc. are managing directors of Alta BioPharma Management II, LLC (which is the general partner of Alta BioPharma

Partners II, L.P.), and managers of Alta Embarcadero BioPharma Partners II, LLC. As managing directors and managers of such entities, they may be deemed to share voting and investment powers over the shares beneficially held by the funds. The principals of Alta Partners II, Inc. disclaim beneficial ownership of all such shares held by the foregoing funds, except to the extent of their proportionate pecuniary interests therein.

Mr. Jean Deleage, Director, is a managing director of Alta BioPharma Management Partners II, LLC (which is the general partner of Alta BioPharma Partners II, L.P.), a manager of Alta Embarcadero BioPharma Partners II, LLC, a general partner of Alta California Management Partners, L.P. (which is the general partner of Alta California Partners, L.P.), and a member of Alta Embarcadero Partners, LLC. Thus he currently shares voting and dispositive powers over the 807,748 shares of Common Stock beneficially owned by Alta BioPharma Partners II, L.P., and the 29,715 shares of Common Stock beneficially owned by Alta Embarcadero BioPharma Partners II, LLC. He disclaims beneficial ownership of all such shares held by all of the foregoing funds except to the extent of his proportionate pecuniary interests therein. As a result of the Alta Partners and Alta Partners II, Inc. stock distributions, Mr. Deleage received a total of 9,593 shares of Common Stock. He holds stock options for 19,445 shares of Common Stock: options for 8,333 shares were granted on June 30, 2004, options for 8,333 shares were granted on January 26, 2004, options for 1,667 shares were granted on June 26, 2003, options for 556 shares were granted on June 20, 2002 and options for 556 shares were granted on July 19, 2001.

Ms. Farah Champsi is a managing director of Alta BioPharma Management Partners II, LLC (which is the general partner of Alta BioPharma Partners II, L.P.) and a manager of Alta Embarcadero BioPharma Partners II, LLC. Thus she currently shares voting and dispositive powers over the 807,748 shares of Common Stock beneficially owned by Alta BioPharma Partners II, L.P. and the 29,715 shares of Common Stock beneficially owned by Alta Embarcadero BioPharma Partners II, LLC. She disclaims beneficial ownership of all such shares held by all of the foregoing funds except to the extent of her proportionate pecuniary interests therein. As a result of the Alta Partners II stock distribution on 8/20/04, the 1999 Farah Champsi Revocable Trust received 1,998 shares of Common Stock.

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Attachment A (continued)

Mr. Garrett Gruener is a general partner of Alta California Management Partners, L.P. (which is the general partner of Alta California Partners, L.P.) and a member of Alta Embarcadero Partners, LLC. He disclaims beneficial ownership of all such shares held by all of the foregoing funds except to the extent of his proportionate pecuniary interests therein. Mr. Gruener received 15,864 shares from the Alta Partners stock distribution on 8/20/04.

Dr. Alix Marduel is a managing director of Alta BioPharma Management Partners II, LLC (which is the general partner of Alta BioPharma Partners II, L.P.) and a manager of Alta Embarcadero BioPharma Partners II, LLC. Thus she currently shares voting and dispositive powers over the 807,748 shares of Common Stock beneficially owned by Alta BioPharma Partners II, L.P. and the 2,915 shares of Common Stock beneficially owned by Alta Embarcadero BioPharma Partners II, LLC. She disclaims beneficial ownership of all such shares held by all of the foregoing funds except to the extent of her proportionate pecuniary interests therein. As a result of the Alta Partners II stock distribution on 8/20/04, the Lockard/Marduel Revocable Trust received 2,378 shares of Common Stock.

Mr. Guy Nohra is a general partner of Alta California Management Partners, L.P.

(which is the general partner of Alta California Partners, L.P.). He disclaims beneficial ownership of all such shares held by all of the foregoing funds except to the extent of his proportionate pecuniary interests therein. As a result of the Alta Partners stock distribution on 8/20/04, the Nohra Living Trust received 11,442 shares of Common Stock and the Nohra 1996 Credit Trust received 3,680 shares of Common Stock.

Alta Partners and Alta Partners II, Inc. are venture capital firms that share an office in San Francisco. Alta Partners is California Corporation. Alta Partners II, Inc. is a California Corporation. Alta California Partners, L.P. is a Delaware Limited Partnership, Alta Embarcadero Partners, LLC is a California Limited Liability Company, Alta BioPharma Partners II, L.P. is a Delaware Limited Partnership, and Alta Embarcadero BioPharma Partners II, LLC is a California Limited Liability Company.

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