#### CMEA VENTURES VI LP

Form 3

November 17, 2011

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

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

**SECURITIES** 

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \* 2. Date of Event 3. Issuer Name and Ticker or Trading Symbol Requiring Statement À CMEA VENTURES VI LP INTERMOLECULAR INC [IMI] (Month/Day/Year) (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original 11/15/2011 Person(s) to Issuer Filed(Month/Day/Year) **ONE LETTERMAN** (Check all applicable) DRIVE, Â BUILDING C, SUITE CM500 Director \_X\_\_ 10% (Street) Owner 6. Individual or Joint/Group Officer Other Filing(Check Applicable Line) (give title below) (specify below) Form filed by One Reporting Person **SAN** \_X\_ Form filed by More than One FRANCISCO, Â CAÂ 94129-2402 Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 4. Nature of Indirect Beneficial 1. Title of Security (Instr. 4) Beneficially Owned Ownership Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 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 currently valid OMB control number.

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

2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security		5. Ownership Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)
Expiration Date	,	Amount or Number of	Derivative Security	Security: Direct (D)	
		(Instr. 4) Expiration Title	(Instr. 4) Expiration Title Amount or	(Instr. 4) Price of Derivative Security  Number of	(Instr. 4) Price of Derivative Expiration Title Amount or Date Number of Number of Price of Derivative Security:  Security Direct (D) or Indirect

						(I) (Instr. 5)	
Series A Convertible Preferred Stock (1)	(2)	(3)	Common Stock	1,923,912	\$ 0	I	See Footnote (4)
Series A Convertible Preferred Stock (1)	(2)	(3)	Common Stock	44,798	\$ 0	I	See Footnote (5)
Series B Convertible Preferred Stock (1)	(2)	(3)	Common Stock	3,663,703	\$ 0	I	See Footnote (4)
Series B Convertible Preferred Stock (1)	(2)	(3)	Common Stock	86,249	\$ 0	I	See Footnote (5)
Series C Convertible Preferred Stock (1)	(2)	(3)	Common Stock	998,371	\$ 0	I	See Footnote (4)
Series C Convertible Preferred Stock (1)	(2)	(3)	Common Stock	23,389	\$ 0	I	See Footnote (5)
Series D Convertible Preferred Stock (1)	(2)	(3)	Common Stock	495,503	\$ 0	I	See Footnote (4)
Series D Convertible Preferred Stock (1)	(2)	(3)	Common Stock	11,613	\$ 0	I	See Footnote (5)
Series E Convertible Preferred Stock (1)	(2)	(3)	Common Stock	294,011	\$ 0	I	See Footnote (4)
Series E Convertible Preferred Stock (1)	(2)	(3)	Common Stock	6,894	\$ 0	I	See Footnote (5)

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
CMEA VENTURES VI LP ONE LETTERMAN DRIVE BUILDING C, SUITE CM500 SAN FRANCISCO, CA 94129-2402	Â	ÂX	Â	Â		
CMEA Ventures VI GmbH & Co. KG ONE LETTERMAN DRIVE BUILDING C, SUITE CM500 SAN FRANCISCO, CA 94129-2402	Â	ÂX	Â	Â		
CMEA Ventures VI Management, L.P. ONE LETTERMAN DRIVE BUILDING C, SUITE CM500 SAN FRANCISCO, CA 94129-2402	Â	ÂX	Â	Â		
BARUCH THOMAS R ONE LETTERMAN DRIVE BUILDING C, SUITE CM500 SAN FRANCISCO, CA 94129-2402	Â	ÂX	Â	Â		

Reporting Owners 2

Collier David J ONE LETTERMAN DRIVE Â ÂX Â Â **BUILDING C, SUITE CM500** SAN FRANCISCO, Â CAÂ 94129-2402 Handelsman Karl D. ONE LETTERMAN DRIVE Â ÂΧ Â Â **BUILDING C, SUITE CM500** SAN FRANCISCO, Â CAÂ 94129-2402 Sohail Faysal A. ONE LETTERMAN DRIVE Â ÂX Â Â **BUILDING C, SUITE CM500** SAN FRANCISCO, CAÂ 94129-2402 Watson James F ONE LETTERMAN DRIVE Â ÂX Â Â **BUILDING C, SUITE CM500** SAN FRANCISCO, Â CAÂ 94129-2402

## **Signatures**

CMEA VENTURES VI, L.P. By: CMEA Ventures VI Management, L.P., its General Partner By: /s/ David J. Collier, General Partner			
<u>**</u> Sig	gnature of Reporting Person	Date	
CMEA VENTURES VI GMBH & CO. KG By: CMEA Ventures VI Management, L.P., its managing limited partner By: /s/ David J. Collier, General Partner			
<u>**</u> Si <sub>E</sub>	gnature of Reporting Person	Date	
CMEA VENTURES VI MANAGEMENT, L.P. By: /s/ David J. Collier, General Partner			
<u>**</u> Si <sub>E</sub>	gnature of Reporting Person	Date	
/s/ Thomas R. Baruch		11/17/2011	
<u>**</u> Si <sub>E</sub>	gnature of Reporting Person	Date	
/s/ David J. Collier		11/17/2011	
<u>**</u> Si <sub>E</sub>	gnature of Reporting Person	Date	
/s/ Karl D. Handelsman		11/17/2011	
<u>**</u> Si <sub>E</sub>	gnature of Reporting Person	Date	
/s/ Faysal A. Sohail		11/17/2011	
<u>**</u> Si <sub>2</sub>	gnature of Reporting Person	Date	
/s/ James F. Watson		11/17/2011	
<u>**</u> Sig	gnature of Reporting Person	Date	

## **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).
- (1) Each share of Series A, Series B, Series C, Series D and Series E Convertible Preferred Stock will automatically convert on a 1-for-2 basis into common stock upon the consummation of the Issuer's initial public offering.
- (2) The securities are immediately convertible.

Signatures 3

- (3) The expiration date is not relevant to the conversion of these securities.
  - The shares are held by CMEA Ventures VI, L.P. ("CMEA Ventures VI"). CMEA Ventures VI Management, L.P. ("CMEA VI Management") is the general partner of CMEA Ventures VI. Thomas R. Baruch, David J. Collier, Karl D. Handelsman, Faysal A. Sohail
- (4) and James F. Watson are the general partners of CMEA VI Management and, as such, have voting and investment power over the shares held by CMEA Ventures VI. Each of the Reporting Persons disclaims beneficial ownership of the shares reported herein, except to the extent of any proportionate pecuniary interest therein.
  - The shares are held by CMEA Ventures VI GmbH & Co. KG ("CMEA Ventures VI GmbH"). CMEA Ventures VI Management, L.P. ("CMEA VI Management") is the managing limited partner of CMEA Ventures VI GmbH. Thomas R. Baruch, David J. Collier, Karl D.
- (5) Handelsman, Faysal A. Sohail and James F. Watson are the general partners of CMEA VI Management and, as such, have voting and investment power over the shares held by CMEA Ventures VI GmbH. Each of the Reporting Persons disclaims beneficial ownership of the shares reported herein, except to the extent of any proportionate pecuniary interest therein.

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.