

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden

hours per response: 0.5

1. Name and Address of Reporting Person*			2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
<u>Flynn James E</u>			<u>NeuroMetrix, Inc. [ NURO ]</u>		Director <input checked="" type="checkbox"/> 10% Owner		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)		Officer (give title below) <input checked="" type="checkbox"/> Other (specify below)		
780 THIRD AVENUE			09/21/2010		Possible Members of 10% Group		
37TH FLOOR			4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street)					Form filed by One Reporting Person		
NEW YORK	NY	10017			<input checked="" type="checkbox"/> Form filed by More than One Reporting Person		
(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. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock <sup>(1)</sup>	09/21/2010		S		2,541	D	\$0.58	937,176	I	Through Deerfield Special Situations Fund, L.P. <sup>(2)</sup>
Common Stock <sup>(1)</sup>	09/21/2010		S		4,559	D	\$0.58	1,681,010	I	Through Deerfield Special Situations Fund International Limited <sup>(3)</sup>
Common Stock <sup>(1)</sup>	09/21/2010		S		15,917	D	\$0.59	921,259	I	Through Deerfield Special Situations Fund, L.P. <sup>(2)</sup>
Common Stock <sup>(1)</sup>	09/21/2010		S		28,553	D	\$0.59	1,652,457	I	Through Deerfield Special Situations Fund International Limited <sup>(3)</sup>
Common Stock <sup>(1)</sup>	09/22/2010		S		2	D	\$0.58	1,652,455	I	Through Deerfield Special Situations Fund International Limited <sup>(3)</sup>
Common Stock <sup>(1)</sup>	09/23/2010		S		804	D	\$0.59	920,455	I	Through Deerfield Special Situations Fund, L.P. <sup>(2)</sup>
Common Stock <sup>(1)</sup>	09/23/2010		S		1,443	D	\$0.59	1,651,012	I	Through Deerfield Special Situations Fund International Limited <sup>(3)</sup>

**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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

1. Name and Address of Reporting Person\*

[Flynn James E](#)

(Last) (First) (Middle)

780 THIRD AVENUE

37TH FLOOR

(Street)

NEW YORK NY 10017

(City) (State) (Zip)

1. Name and Address of Reporting Person\*

[DEERFIELD CAPITAL LP](#)

(Last) (First) (Middle)

780 THIRD AVENUE

37TH FLOOR

(Street)

NEW YORK NY 10017

(City) (State) (Zip)

1. Name and Address of Reporting Person\*

[Deerfield Special Situations Fund, L.P.](#)

(Last) (First) (Middle)

780 3RD AVENUE

37TH FLOOR

(Street)

NEW YORK NY 10017

(City) (State) (Zip)

1. Name and Address of Reporting Person\*

[DEERFIELD MANAGEMENT CO /NY](#)

(Last) (First) (Middle)

780 THIRD AVENUE, 37TH FLOOR

(Street)

NEW YORK NY 10017

(City) (State) (Zip)

1. Name and Address of Reporting Person\*

[Deerfield Special Situations Fund International LTD](#)

(Last) (First) (Middle)

C/O HEMISPHERE MANAGEMENT (B.V.I.)

COLUMBUS CENTRE, P.O. BOX 3460

(Street)

ROAD TOWN, D8

TORTOLA

(City)

(State)

(Zip)

**Explanation of Responses:**

1. This Form 4 is being filed by the undersigned as well as the entities listed on the Joint Filer Information Statement attached as an exhibit hereto (the "Reporting Persons").
2. Deerfield Capital, L.P. is the general partner of Deerfield Special Situations Fund, L.P. (the "Capital Fund"). James E. Flynn is the managing member of the general partner of Deerfield Capital, L.P. In accordance with Instruction 4(b)(iv) to Form 4, the entire amount of the Issuer's securities held by the Capital Fund is reported herein. For purposes of Section 16 of the Securities Exchange Act of 1934, each Reporting Person disclaims beneficial ownership of any such securities, except to the extent of his/its indirect pecuniary interest therein, if any, and this report shall not be deemed an admission that such Reporting Person is the beneficial owner of such securities for purposes of Section 16 or otherwise.
3. Deerfield Management Company, L.P. is the investment manager of Deerfield Special Situations Fund International Limited (the "Management Fund"). James E. Flynn is the managing member of the general partner of Deerfield Management Company, L.P. In accordance with Instruction 4(b)(iv) to Form 4, the entire amount of the Issuer's securities held by the Management Fund is reported herein. For purposes of Section 16 of the Securities Exchange Act of 1934, each Reporting Person disclaims beneficial ownership of any such securities, except to the extent of his/its indirect pecuniary interest therein, if any, and this report shall not be deemed an admission that such Reporting Person is the beneficial owner of such securities for purposes of Section 16 or otherwise.

**Remarks:**

Darren Levine, Attorney-in-Fact: Power of Attorney, which is hereby incorporated by reference to Exhibit 24 of the Form 4 filed by the Reporting Persons on June 9, 2010 with respect to Hana Biosciences, Inc.

/s/ Darren Levine

09/23/2010

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

**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 Number.**

Joint Filer Information

Names: Deerfield Capital L.P., Deerfield Special Situations Fund, L.P., Deerfield Management Company, L.P., Deerfield Special Situations Fund International Limited

Address: Deerfield Capital, L.P., Deerfield Special Situations Fund, L.P. and Deerfield Management Company, L.P.:  
780 Third Avenue, 37<sup>th</sup> Floor  
New York, NY 10017

Deerfield Special Situations Fund International Limited:  
c/o Citi Hedge Fund Services (B.V.I.) Ltd.  
Bison Court, P.O. Box 3460  
Road Town, Tortola, D8,  
British Virgin Islands

Designated Filer: James E. Flynn

Issuer and Ticker Symbol: NeuroMetrix, Inc. (NURO)

Date of Event Requiring Statement: September 21, 2010

The undersigned, Deerfield Capital, L.P., Deerfield Special Situations Fund, L.P., Deerfield Management Company, L.P. and Deerfield Special Situations Fund International Limited are jointly filing the attached Statement of Changes in Beneficial Ownership on Form 4 with James E. Flynn with respect to the beneficial ownership of securities of NeuroMetrix, Inc.

Signatures:

DEERFIELD CAPITAL, L.P.

By: J.E. Flynn Capital LLC, General Partner

By: /s/ Darren Levine  
Darren Levine, Attorney-in-Fact

DEERFIELD SPECIAL SITUATIONS FUND, L.P.

By: Deerfield Capital, L.P., General Partner

By: J.E. Flynn Capital LLC, General Partner

By: /s/ Darren Levine  
Darren Levine, Attorney-in-Fact

DEERFIELD MANAGEMENT COMPANY, L.P.

By: Flynn Management LLC, General Partner

By: /s/ Darren Levine  
Darren Levine, Attorney-in-Fact

DEERFIELD SPECIAL SITUATIONS FUND INTERNATIONAL LIMITED

By: /s/ Darren Levine  
Darren Levine, Attorney-in-Fact