SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Schedule 13G

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b) (Amendment No.)* NeuroMetrix, Inc. _____ _____ (Name of Issuer) Common Stock - ----------(Title of Class of Securities) 641255104 _____ (CUSIP Number) December 31, 2004 _____ (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

| [] | Rule 13d-1(b) |
|-----|---------------|
| [] | Rule 13d-1(c) |
| [X] | 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 disclosures provided in a prior cover page.

The information required on 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).

(Continued on following pages)

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| CUSIP NO. | 641255104 | 13 G | Page | 2 | of | 14 | Pages |
|-----------------------------|--------------------------|--|--------|-----|------|------|--------|
| | | | | | | | |
| 1 | Delphi | NG ENTIFICATION NO. OF ABOVE PERSON Ventures IV, L.P. ("DV IV") Number: | | | | | |
| 2 | CHECK THE APPRC | PRIATE BOX IF A MEMBER OF A GROUP | | | | | |
| | | | (a) |) | [] | (k | o) [X] |
| 3 | SEC USE ONLY | | | | | | |
| 4 | CITIZENSHIP OR Delawa | PLACE OF ORGANIZATION re | | | | | |
| NUMBER SHARE BENEFICI | OF S | SOLE VOTING POWER 871,415 shares, except that Partners IV, L.L.C. ("DMP IV"), of DV IV, may be deemed to have | the ge | ene | eral | L pa | artner |

| OWNED BY EACH REPORTING PERSON WITH | these shares, and James J ("Bochnowski"), David L. Douglass (Donald J. Lothrop ("Lothrop"), the m of DMP IV, may be deemed to have s vote these shares. | "Douglass") and anaging members hared power to | |
|--|---|--|--|
| 6 | | | |
| 7 | SOLE DISPOSITIVE POWER 871,415 shares, except that DMP I partner of DV IV, may be deemed to to dispose of these shares, an Douglass and Lothrop, the managing IV, may be deemed to have shared p of these shares. | have sole power d Bochnowski, members of DMP | |
| 8 | SHARED DISPOSITIVE POWER See response to row 7. | | |
| 9 AGGREGATE REPORTING | AMOUNT BENEFICIALLY OWNED BY EACH | 871,415 | |
| | IF THE AGGREGATE AMOUNT IN ROW (9) ERTAIN SHARES | [] | |
| 11 PERCENT OF | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 7.2% | | |
| 12 TYPE OF RE | | PN | |

| CUSIP NO. 64 | 1255104 | 13 G | Page 3 of 14 Pages |
|--|-----------------------|--|--|
| | Delpi | FING IDENTIFICATION NO. OF ABOVE PEF hi BioInvestments IV, L.P. ("DE ID Number: | |
| | CHECK THE APP | ROPRIATE BOX IF A MEMBER OF A G | GROUP (a) [](b)[X] |
| | SEC USE ONLY | | |
| | CITIZENSHIP O Dela | R PLACE OF ORGANIZATION ware | |
| 5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON | | SOLE VOTING POWER 17,965 shares, except tha partner of DBI IV, may be de to vote these shares, and and Lothrop, the managing be deemed to have shared shares. | eemed to have sole power d Bochnowski, Douglass members of DMP IV, may |
| WITH | 6 | SHARED VOTING POWER See response to row 5. | |
| | 7 | SOLE DISPOSITIVE POWER 17,965 shares, except tha partner of DBI IV, may be de to dispose of these shar Douglass and Lothrop, the m IV, may be deemed to have so of these shares. | eemed to have sole power res, and Bochnowski, nanaging members of DME |
| | 8 | SHARED DISPOSITIVE POWER See response to row 7. | |
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| .0 | CHECK BOX IF | THE AGGREGATE AMOUNT IN ROW (9) AIN SHARES | [] |
| .1 | PERCENT OF CL | ASS REPRESENTED BY AMOUNT IN RC | 0.1% |
| .2 | TYPE OF REPOR | | PN |

| CUSIP NO. 64 | 1255104 | 13 G | Page 4 of 14 Pages |
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| 1 | Del | DRTING IDENTIFICATION NO. OF ABOVE PEF phi Management Partners IV, L.L. ID Number: | |
| | CHECK THE AP | PPROPRIATE BOX IF A MEMBER OF A G | GROUP (a) [](b)[X] |
| 3 | SEC USE ONLY | | (a) [] (b) [A] |
| | | OR PLACE OF ORGANIZATION aware | |
| 5 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | | SOLE VOTING POWER 889,380 shares, of which 871 by DV IV and 17,965 are dir DMP IV, the general partr may be deemed to have sol shares, and Bochnowski, Dou managing members of DMP IV shared power to vote these s | eectly owned by DBI IV. her of DV IV and DBI IV, he power to vote these aglass and Lothrop, the 7, may be deemed to have |
| | 6 | SHARED VOTING POWER See response to row 5. | |
| | 7 | SOLE DISPOSITIVE POWER 889,380 shares, of which 871 by DV IV and 17,965 are dir DMP IV, the general partr may be deemed to have sole these shares, and Bochnowski the managing members of D have shared power to dispose | eectly owned by DBI IV. her of DV IV and DBI IV, e power to dispose of ., Douglass and Lothrop, DMP IV, may be deemed to |
| | 8 | SHARED DISPOSITIVE POWER See response to row 7. | |
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| L1 | PERCENT OF C | LASS REPRESENTED BY AMOUNT IN RC | DW 9 7.4% |
| 12 | TYPE OF REPO | PRTING PERSON | 00 |

| CUSIP NO. 64125 | 55104 | 13 G | Page 5 of 14 Pages |
|--|---|--|---|
| | James | ING DENTIFICATION NO. OF ABOVE PERSON J. Bochnowski ("Bochnowski") D Number: | 1 |
| СН | IECK THE APPR | OPRIATE BOX IF A MEMBER OF A GROU | JP |
| SE | C USE ONLY | | (a) [] (b) [X] |
| CI | | PLACE OF ORGANIZATION Citizen | |
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| | 8 | SHARED DISPOSITIVE POWER 889,380 shares, of which 871,42 by DV IV and 17,965 are direct Bochnowski is a managing mer general partner of DV IV and deemed to have shared power to shares. | cly owned by DBI IV. nber of DMP IV, the DBI IV, and may be |
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| USIP NO. | 641255104 | 1 | 13 G | Page 6 of 14 Pages |
|--|------------|----------------------|---|---|
| | | Davio | TING IDENTIFICATION NO. OF ABOVE PERSON d L. Douglass ("Douglass") ID Number: | |
| | CHECK | THE APP | ROPRIATE BOX IF A MEMBER OF A GROUP | / \ |
| | SEC US | SE ONLY | | (a) [](b)[X] |
| | | ENSHIP OI Citizen | R PLACE OF ORGANIZATION | |
| SHA: BENEFI OWNED REPO PER | | 5 | SOLE VOTING POWER 0 shares | |
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| 1 | PERCEN | NT OF CL | ASS REPRESENTED BY AMOUNT IN ROW 9 | 7.4% |
| 2 | TYPE (| DF REPOR | IING PERSON | |

| | 641255104 | | 13 G | Page 7 of 14 Pages |
|---------------------------------------|-----------------------------------|---|---|--|
| | | Donal | FING IDENTIFICATION NO. OF ABOVE PERS ld J. Lothrop ("Lothrop") ID Number: | SON |
| | CHECK 1 | THE APPE | ROPRIATE BOX IF A MEMBER OF A GF | |
| | SEC USE | E ONLY | | (a) [] (b) [X] |
| | CITIZEN U.S. Ci | | R PLACE OF ORGANIZATION | |
| SHA BENEFI OWNED REPO PER | CIALLY BY EACH RTING SON | 5 | SOLE VOTING POWER 0 shares | |
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ITEM 1(A). NAME OF ISSUER:

NeuroMetrix, Inc.

ITEM 1 (B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

62 Fourth Avenue Waltham, MA 02451

ITEM 2(A). NAME OF PERSONS FILING:

This statement is filed by Delphi Ventures IV, L.P., a Delaware limited partnership ("DV IV"), Delphi BioInvestments IV, L.P., a Delaware limited partnership ("DBI IV"), Delphi Management Partners IV, L.L.C., a Delaware limited liability company ("DMP IV") and the general partner of DV IV and DBI IV, James J. Bochnowski ("Bochnowski"), David L. Douglass ("Douglass") and Donald J. Lothrop ("Lothrop"), the managing members of DMP IV. The foregoing entities and individuals are collectively referred to as the "Reporting Persons".

DMP IV is the general partner of DV IV and DBI IV and may be deemed to have sole power to vote and sole power to dispose of shares of the issuer directly owned by DV IV and DBI IV. Bochnowski, Douglass and Lothrop are the managing members of DMP IV and may be deemed to have shared power to vote and shared power to dispose of the shares of the issuer directly owned by DV IV and DBI IV.

ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE, OR, IF NONE, RESIDENCE:

The address of the principal business office for each of the Reporting Persons is:

Delphi Ventures 3000 Sand Hill Road Building 1 - Suite 135 Menlo Park, CA 94025

ITEM 2(C) CITIZENSHIP:

DV IV and DBI IV are Delaware limited partnerships. DMP IV is a Delaware limited liability company. Bochnowski, Douglass and Lothrop are United States citizens.

ITEM 2(D) AND ITEM 2(E). TITLE OF CLASS OF SECURITIES AND CUSIP NUMBER:

Common Stock CUSIP # 641255104

ITEM 3. Not Applicable.

OWNERSHIP:

The following information with respect to the ownership of the Common Stock of the issuer by the persons filing this Statement is provided as of December 31, 2004:

(a) Amount beneficially owned: _____ See Row 9 of cover page for each Reporting Person. (b) Percent of Class: _____ See Row 11 of cover page for each Reporting Person. (c) Number of shares as to which such person has: _____ (i) Sole power to vote or to direct the vote: See Row 5 of cover page for each Reporting Person. (ii) Shared power to vote or to direct the _____ vote: ____ See Row 6 of cover page for each Reporting Person. (iii) Sole power to dispose or to direct the _____ ____ disposition of: _____ See Row 7 of cover page for each Reporting Person. (iv) Shared power to dispose or to direct the _____ _____ disposition of: _____ See Row 8 of cover page for each Reporting Person. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS: -----

Not applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

Under certain circumstances set forth in the limited partnership agreements of DV IV and DBI IV, and the limited liability company agreement of DMP IV, the general and limited partners or members, as the case may be, of each of such entities may be deemed to have the right to receive dividends from, or the proceeds from, the sale of shares of the issuer owned by each such entity of which they are a partner.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

Not applicable.

ITEM 5.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP:

Not applicable.

ITEM 10. CERTIFICATION:

Not applicable.

SIGNATURES

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

Dated: February 11, 2005

DELPHI VENTURES IV, L.P., a Delaware Limited Partnership

- By: Delphi Management Partners IV, L.L.C., a Delaware Limited Liability Company Its General Partner
- By: /s/ James J. Bochnowski James J. Bochnowski, Member

DELPHI BIOINVESTMENTS IV, L.P., a Delaware Limited Partnership

- By: Delphi Management Partners IV, L.L.C., a Delaware Limited Liability Company Its General Partner
- By: /s/ James J. Bochnowski James J. Bochnowski, Member

DELPHI MANAGEMENT PARTNERS IV, L.L.C., a Delaware Limited Liability Company

By: /s/ James J. Bochnowski James J. Bochnowski, Member JAMES J. BOCHNOWSKI By: /s/ James J. Bochnowski James J. Bochnowski DAVID L. DOUGLASS By: /s/ David L. Douglass David L. Douglass DONALD J. LOTHROP By: /s/ Donald J. Lothrop Donald J. Lothrop EXHIBIT INDEX

Exhibit - -----Exhibit A: Agreement of Joint Filing

EXHIBIT A

Agreement of Joint Filing

The undersigned hereby agree that a single Schedule 13G (or any amendment thereto) relating to the Common Stock of Neometrix Technology Group, Inc. shall be filed on behalf of each of the undersigned and that this Agreement shall be filed as an exhibit to such Schedule 13G.

| Date: February 11, 2005 | |
|-------------------------|---|
| February 11, 2005 | DELPHI MANAGEMENT PARTNERS IV, L.L.C., a Delaware Limited Liability Company |
| | By: /s/ James J. Bochnowski |
| | James J. Bochnowski, Member |
| February 11, 2005 | DELPHI VENTURES IV, L.P., a Delaware Limited Partnership |
| | By: Delphi Management Partners IV, L.L.C., a Delaware Limited Liability Company Its General Partner |
| | By: /s/ James J. Bochnowski |
| | James J. Bochnowski, Member |
| February 11, 2005 | DELPHI BIOINVESTMENTS IV, L.P., a Delaware Limited Partnership |
| | By: Delphi Management Partners IV, L.L.C., a Delaware Limited Liability Company Its General Partner |
| | By: /s/ James J. Bochnowski |
| | James J. Bochnowski, Member |
| February 11, 2005 | By: /s/ James J. Bochnowski |
| | James J. Bochnowski |
| February 11, 2005 | By: /s/ David L. Douglass |
| | David L. Douglass |
| February 11, 2005 | By: /s/ Donald J. Lothrop |
| | Donald J. Lothrop |