

AtheroNova Inc.  
Form SC 13G/A  
February 13, 2014

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

**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934  
(Amendment No. 2)\***

**AtheroNova Inc.**

(Name of Issuer)

**Common Stock**

(Title of Class of Securities)

**047438205**

(CUSIP Number)

**December 31, 2013**

(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)
- 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).

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CUSIP No. 047438205

1. Names of Reporting Persons  
I.R.S. Identification Nos. of above persons (entities only)  
ACT Capital Management, LLLP (I.R.S. Identification No. 14-1895400)
  2. Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)    
(b)
  3. SEC Use Only
  4. Citizenship or Place of Organization  
Delaware
- |   |    |  |  |
|---|----|--|--|
|   | 5. |  | Sole Voting Power<br>1,170,000             |
| Number of<br>Shares<br>Beneficially<br>Owned by<br>Each<br>Reporting<br>Person With | 6. |  | Shared Voting Power<br>0 (1)               |
|   | 7. |  | Sole Dispositive Power<br>1,170,000 shares |
|   | 8. |  | Shared Dispositive Power<br>4,401,300 (1)  |
9. Aggregate Amount Beneficially Owned by Each Reporting Person  
4,401,300 (1)
  10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
  11. Percent of Class Represented by Amount in Row (9)  
9.9% (1)
  12. Type of Reporting Person (See Instructions)  
PN

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(1) Amir L. Ecker and Carol G. Frankenfield are each a General Partner of ACT Capital Management, LLLP. See Item 4 of this Schedule.

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CUSIP No. 047438205

1. Names of Reporting Persons  
Amir L. Ecker
2. Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)
3. SEC Use Only
4. Citizenship or Place of Organization  
United States
- |   |    |   |
|---|----|---|
| Number of<br>Shares<br>Beneficially<br>Owned by<br>Each<br>Reporting<br>Person With | 5. | Sole Voting Power<br>1,530,000 (2)        |
|   | 6. | Shared Voting Power<br>1,671,300 (2)      |
|   | 7. | Sole Dispositive Power<br>0 shares (2)    |
|   | 8. | Shared Dispositive Power<br>4,401,300 (2) |
9. Aggregate Amount Beneficially Owned by Each Reporting Person  
4,401,300 (2)
10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
11. Percent of Class Represented by Amount in Row (9)  
9.9 % (2)
12. Type of Reporting Person (See Instructions)  
IN

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(2) Amir L. Ecker is a General Partner of ACT Capital Management, LLLP. See Item 4 of this Schedule 13G.

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CUSIP No. 047438205

1. Names of Reporting Persons  
Carol G. Frankenfield
2. Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)
3. SEC Use Only
4. Citizenship or Place of Organization  
United States
5. Sole Voting Power  
10,000 (3)
6. Shared Voting Power  
1,170,000 (3)
7. Sole Dispositive Power  
0 shares (3)
8. Shared Dispositive Power  
4,401,300 (3)
9. Aggregate Amount Beneficially Owned by Each Reporting Person  
4,401,300 (3)
10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
11. Percent of Class Represented by Amount in Row (9)  
9.9% (3)
12. Type of Reporting Person (See Instructions)  
IN

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(3) Carol G. Frankenfield is a General Partner of ACT Capital Management, LLLP. See Item 4 of this Schedule 13G.

**Item 1.**

- (a) Name of Issuer  
AtheroNova Inc.
- (b) Address of Issuer's Principal Executive Offices  
2301 Dupont Drive, Suite 525  
Irvine, CA 92612

**Item 2.**

- (a) Name of Person Filing  
ACT Capital Management, LLLP  
Amir L. Ecker  
Carol G. Frankenfield
- (b) Address of Principal Business Office or, if none, Residence  
2 Radnor Corporate Center, Suite 111  
Radnor, PA 19087
- (c) Citizenship  
ACT Capital Management, LLLP Delaware USA  
Amir L. Ecker and Carol G. Frankenfield are U.S. Citizens
- (d) Title of Class of Securities  
Common Stock
- (e) CUSIP Number  
047438205

**Item 3.**

- If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**
- (a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
  - (b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
  - (c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
  - (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
  - (e)  An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
  - (f)  An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
  - (g)  A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
  - (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
  - (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
  - (j)  A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J);
  - (k)  Group, in accordance with § 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution: \_\_\_\_\_

**Item 4. Ownership**

ACT Capital Management, LLLP is the beneficial owner of 3,361,300 shares of common stock of the Issuer and 1,040,000 warrants subject to a 9.9% blocker provision to purchase common stock, or approximately 9.9% of the total number of shares of common stock of the Issuer outstanding. Amir L. Ecker and Carol G. Frankenfield are the General Partners of ACT Capital Management, LLLP. Investment decisions made on behalf of ACT Capital Management, LLLP are made primarily by its General Partners.

- (a) Amount beneficially owned:
- (1) 4,401,300
  - (2) 4,401,300 ( Mr. Ecker may be deemed a beneficial owner of the shares held by ACT Capital Management, LLLP solely because he is a General Partner of that partnership.)
  - (3) 4,401,300 (Ms. Frankenfield may be deemed a beneficial owner of the shares held by ACT Capital Management, LLLP solely because she is a General Partner of that partnership.)
- (b) Percent of class:
- (1) 9.9%
  - (2) 9.9%
  - (3) 9.9%
- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote
    - (1) 1,170,000
    - (2) 1,530,000
    - (3) 0
  - (ii) Shared power to vote or to direct the vote
    - (1) 0
    - (2) 1,671,300
    - (3) 1,170,000
  - (iii) Sole power to dispose or to direct the disposition of
    - (1) 1,170,000
    - (2) 0
    - (3) 0
  - (iv) Shared power to dispose or to direct the disposition of
    - (1) 4,401,300
    - (2) 4,401,300

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(3) 4,401,300

The percentages set forth in this Schedule 13G are based upon the total number of shares of the Issuer's common stock outstanding of 38,082,875 shares based on information provided by the Issuer.

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

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

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

**Item 8. Identification and Classification of Members of the Group**

**Item 9. Notice of Dissolution of Group**

**Item 10. Certification**

**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: February 7, 2014

By: /s/ Amir L. Ecker  
Amir L. Ecker

DATE: February 7, 2014

By: /s/ Carol G. Frankenfield  
Carol G. Frankenfield

ACT CAPITAL MANAGEMENT, LLLP, by its  
General Partner, Amir L. Ecker

DATE: February 7, 2014

By: /s/ Amir L. Ecker  
General Partner

**ATTENTION**

**Intentional misstatements or omissions of fact constitute Federal Criminal Violations (See 18 U.S.C. 1001).**



**JOINT FILING AGREEMENT**

The undersigned, the Reporting Persons named in Schedule 13G, hereby agree that this Schedule 13G Amendment No. 2 is filed on behalf of them and that each Reporting Person is responsible for the timely filing of any other amendments to the Schedule 13G. Each Reporting Person further agrees that each of them is responsible for the completeness and accuracy of the information concerning such Reporting Person, respectively, contained in this Schedule 13G and that each of them is not responsible for the completeness or accuracy of the information concerning the other Reporting Persons.

IN WITNESS WHEREOF, the undersigned have executed this Joint Filing Agreement as of February 7, 2014.

DATE: February 7, 2014

By: /s/ Amir L. Ecker  
Amir L. Ecker

DATE: February 7, 2014

By: /s/ Carol G. Frankenfield  
Carol G. Frankenfield

ACT CAPITAL MANAGEMENT, LLLP, by its  
General Partner, Amir L. Ecker

DATE: February 7, 2014

By: /s/ Amir L. Ecker  
General Partner