

SIEGEL HAL N
Form 5
February 17, 2009

FORM 5

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

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 30(h) of the Investment Company Act of 1940

| | | | | | | |
|---|---------|----------|--|--|---|--|
| 1. Name and Address of Reporting Person * | | | 2. Issuer Name and Ticker or Trading Symbol | | 5. Relationship of Reporting Person(s) to Issuer | |
| SIEGEL HAL N | | | IR BIOSCIENCES HOLDINGS INC [IRBS] | | (Check all applicable) | |
| (Last) | (First) | (Middle) | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) | | <input checked="" type="checkbox"/> Director | <input type="checkbox"/> 10% Owner |
| | | | 12/31/2008 | | <input type="checkbox"/> Officer (give title below) | <input type="checkbox"/> Other (specify below) |
| 7111 EAST MACDONALD DRIVE | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | 6. Individual or Joint/Group Reporting | |
| (Street) | | | | | (check applicable line) | |
| PARADISE VALLEY, AZ 85253 | | | | | <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input 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 at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|--|
| | | | | (A) or (D) Price | | | |

Reminder: Report on a separate line for each class of securities beneficially 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.

SEC 2270 (9-02)

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 | 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) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|--|------------------------------------|--------------------------------------|--|--------------------------------|---|--|---|
| | | | | | | | |

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| | Derivative Security | | | | or Disposed of (D) (Instr. 3, 4, and 5) | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|----------------------------------|---------------------|------------|---|---------------|---|-----|------------------|-----------------|--------------|----------------------------|
| | | | | | (A) | (D) | | | | |
| Warrant to Purchase Common Stock | \$ 0.125 | 03/12/2005 | Â | A4 <u>(2)</u> | 3,000 | Â | 03/12/2005 | 03/12/2008 | Common Stock | 3,000 |
| Warrant to Purchase Common Stock | \$ 0.125 | 03/31/2005 | Â | A4 <u>(2)</u> | 900 | Â | 03/31/2005 | 03/31/2008 | Common Stock | 900 |
| Warrant to Purchase Common Stock | \$ 0.125 | 06/30/2005 | Â | A4 <u>(2)</u> | 9,000 | Â | 06/30/2005 | 06/30/2008 | Common Stock | 9,000 |
| Warrant to Purchase Common Stock | \$ 0.125 | 09/30/2005 | Â | A4 <u>(2)</u> | 9,000 | Â | 09/30/2005 | 09/30/2008 | Common Stock | 9,000 |
| Warrant to Purchase Common Stock | \$ 0.125 | 12/31/2005 | Â | A4 <u>(2)</u> | 9,000 | Â | 12/31/2005 | 12/31/2008 | Common Stock | 9,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| SIEGEL HAL N 7111 EAST MACDONALD DRIVE PARADISE VALLEY, AZ 85253 | Â X | Â | Â | Â |

Signatures

Hal N Siegel 02/17/2009
 **Signature of Date
 Reporting Person

Explanation of Responses:

- * 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).
- (1) Adjusted for 1 for 10 stock split in August 2008.
 - (2) Reported for initial Form 4 reporting purposes only. Warrants have expired.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.