ZELDIS JEROME B
Form 5
February 17, 2009

FORM 5

OMB APPROVAL

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

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 *
ZELDIS JEROME B

(Last) (First) (Middle)

8767 E. VIA DE VENTURA, SUITE 190

(Street)

SCOTTSDALE,Â AZÂ 85258

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
IR BIOSCIENCES HOLDINGS INC [IRBS]

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
12/31/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
__X__ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

6. Individual or Joint/Group Reporting
(check applicable line)
_X_ Form Filed by One Reporting Person
___ Form Filed by More than One Reporting Person

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 Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amoun Underlying Securit

Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amo Num Shar
Options to Purchase Common Stock	$ 0.066	03/31/2008	Â	A4	250,000	Â	04/30/2008	03/30/2018	Common Stock	250
Options to Purchase Common Stock	$ 0.15	11/26/2008	Â	A4	75,000	Â	12/26/2008	11/25/2018	Common Stock	75,

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ZELDIS JEROME B 8767 E. VIA DE VENTURA, SUITE 190 SCOTTSDALE,Â AZÂ 85258	Â X	Â	Â	Â

Signatures

Jerome B. Zeldis	02/17/2009
**Signature of Reporting Person	Date

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.

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