H&Q LIFE SCIENCES INVESTORS Form N-Q March 01, 2010

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

OMB APPROVAL
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FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number

811-06565

H&Q Life Sciences Investors (Exact name of registrant as specified in charter)

2 Liberty Square, 9th Floor, Boston, MA (Address of principal executive offices)

02109 (Zip code)

(Name and address of agent for service)

617-772-8500

Registrant s telephone number, including area code:

Date of fiscal year end: September 30

Date of reporting period: 12/31/09

Item 1. Schedule of Investments.

H&Q LIFE SCIENCES INVESTORS

SCHEDULE OF INVESTMENTS

DECEMBER 31, 2009

(Unaudited)

SHARES		7	VALUE
	CONVERTIBLE SECURITIES AND WARRANTS 10.3% of Net Assets		
	Convertible Preferred (Restricted)(a) (b) 10.0%		
	Biotechnologies/Biopharmaceuticals 1.0%		
204,275	MacroGenics, Inc. Series D	\$	133,208
50,145	MacroGenics, Inc. Series D 18 Month Lock-up		0
1,415,385	TargeGen, Inc. Series C		1,840,000
407,825	TargeGen, Inc. Series D		530,173
			2,503,381
	Drug Discovery Technologies 1.3%		
1,587,302	Agilix Corporation Series B (c)		94,540
250,000	Ceres, Inc. Series C		1,625,000
21,462	Ceres, Inc. Series C-1		139,503
175,540	Ceres, Inc. Series D		1,141,010
28,385	Ceres, Inc. Series F		184,502
5,677	Ceres, Inc. warrants (expiration 9/05/15)		0
,	,		3,184,555
	Healthcare Services 1.4%		
3,589,744	PHT Corporation Series D (c)		2,800,000
802,996	PHT Corporation Series E (c)		626,337
99,455	PHT Corporation Series F (c)		77,575
11,11	(,		3,503,912
	Medical Devices and Diagnostics 6.3%		, ,
2,379,916	CardioKinetix, Inc. Series C		1,640,000
N/A	CardioKinetix, Inc. warrants (expiration 12/11/19) (d)		0
3,235,293	Concentric Medical, Inc. Series B (c)		1,682,352
1,162,790	Concentric Medical, Inc. Series C (c)		604,651
455,333	Concentric Medical, Inc. Series D (c)		236,773
453,094	Concentric Medical, Inc. Series E (c)		235,609
1,198,193	Elemé Medical, Inc. Series C		644,628
1,592,852	FlowCardia, Inc. Series C		1,708,334
1,304,545	Interlace Medical, Inc. Series C		1,435,000
2,446,016	Labcyte Inc. Series C		1,280,000
2,161,090	Magellan Biosciences, Inc. Series A		2,161,090
98,824	Magellan Biosciences, Inc. warrants (expiration 4/01/19)		0
7,877	Magellan Biosciences, Inc. warrants (expiration 5/06/19)		0
1,031,992	OmniSonics Medical Technologies, Inc. Series A-1		1,031
877,747	OmniSonics Medical Technologies, Inc. Series B-1		877
9,606,373	Palyon Medical Corporation Series A (c)		2,050,000
43,478	TherOx, Inc. Series H		72,122
99,646	TherOx, Inc. Series I		165,293
2,813	TherOx, Inc. warrants (expiration 1/26/11)		0
5,427	TherOx, Inc. warrants (expiration 6/09/10)		0
640,625	Xoft, Inc. Series D		1,601,562
122,754	Xoft, Inc. Series E		306,885

SHARES				VALUE
		Convertible Preferred (Restricted)(a) (b) continued		
	N/A	Xoft, Inc. warrants (expiration 6/12/14) (d)	\$	0
				15,826,207
			\$	25,018,055
PRINCIPAL AMOUNT				
		Convertible Notes 0.3%		
		Biotechnologies/Biopharmaceuticals 0.1%		
\$	152,404	TargeGen, Inc., Cvt. Promissory Note, 8.00% due 2010 (Restricted) (a)		152,404
		Drug Discovery Technologies 0.0%		
	700,000	deCODE Genetics, Inc., 3.50% due 2011		38,500
		Medical Devices and Diagnostics 0.2%		
	131,244	CardioKinetix, Inc., Cvt. Promissory Note, 4.25% due 2010 (Restricted) (a)		131,244
	48,545	Elemé Medical, Inc., Subordinated Cvt. Promissory Note, 10.50% due 2012		- ,
	-,-	(Restricted)(a)		48,545
	410,000	Xoft, Inc., Cvt. Promissory Note, 10.00% due 2010 (Restricted) (a)		410.000
	410,000	Note, the., evi. Fromissory Note, 10.00% due 2010 (Restricted) (u)		589,789
			\$	780,693
		TOTAL CONVERTIBLE SECURITIES AND WARRANTS	Ψ	700,075
		(Cost \$35,613,109)	\$	25,798,748
		(Cost \$33,013,107)	Ψ	25,170,140
SHARES				
		COMMON STOCKS AND WARRANTS 84.2%		
		Biotechnologies/Biopharmaceuticals 42.8%		
	142,614	Acorda Therapeutics Inc. (b)		3,596,725
	168,282	Affymax, Inc. (b)		4,163,297
	8,200	Alexion Pharmaceuticals, Inc. (b)		400,324
	191,758	Alnylam Pharmaceuticals, Inc. (b)		3,378,776
	93,864	AMAG Pharmaceuticals, Inc. (b)		3,569,648
	169,027	Amgen Inc. (b)		9,561,857
	180,959	Amylin Pharmaceuticals, Inc. (b)		2,567,808
	3,932,015	Antisoma plc (b) (e)		2,093,773
	82,000	Athersys, Inc. warrants (Restricted, expiration 6/08/12) (a) (b)		17,220
	131,000	BioMarin Pharmaceutical Inc. (b)		2,464,110
	218,696	Celgene Corporation (b)		12,176,993
	110,853	Cephalon, Inc. (b) (i)		6,918,336
	174,224	Cornerstone Therapeutics Inc. (b)		1,062,766
	15,967	Cornerstone Therapeutics Inc. warrants (Restricted, expiration 6/06/10) (a) (b)		0
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SHARES		VALUE
	Biotechnologies/Biopharmaceuticals continued	
238,322	Cubist Pharmaceuticals, Inc. (b)	\$ 4,520,968
127,457	Dendreon Corp (b)	3,349,570
175,521	Eurand N.V. (b) (e)	2,264,221
160,098	Genzyme Corporation (b)	7,846,403
169,930	Gilead Sciences, Inc. (b)	7,354,570
292,400	Isis Pharmaceuticals, Inc. (b)	3,245,640
157,476	Martek Biosciences Corporation (b)	2,982,596
132,850	Medicines Company (b)	1,107,969
175,880	MiddleBrook Pharmaceuticals, Inc. warrants (Restricted, expiration 4/29/10) (a) (b)	0
48,190	OSI Pharmaceuticals, Inc. (b)	1,495,336
133,086	Regeneron Pharmaceuticals, Inc. (b)	3,218,020
137,531	United Therapeutics Corporation (b)	7,241,007
196,400	Vertex Pharmaceuticals Inc. (b)	8,415,740
131,293	XenoPort, Inc. (b)	2,436,798
·		107,450,471
	Drug Delivery 2.4%	
264,752	Alkermes, Inc. (b)	2,491,316
997,671	DURECT Corporation (b)	2,464,247
394,928	Penwest Pharmaceuticals Co. (b)	1,022,864
199,514	Penwest Pharmaceuticals Co. warrants (Restricted, expiration 3/11/13) (a) (b)	203,504
,		6,181,931
	Drug Discovery Technologies 0.1%	
7,627	Clinical Data, Inc. (b)	139,269
162,288	Clinical Data, Inc. CVR (Restricted) (a) (b) (f)	27,856
1,601,039	MZT Holdings, Inc. (b) (c)	51,393
1,846,154	MZT Holdings, Inc. warrants (Restricted, expiration 1/17/11) (a) (b) (c)	0
952,381	MZT Holdings, Inc. warrants (Restricted, expiration 1/22/12) (a) (b) (c)	0
46	Zyomyx, Inc. (Restricted) (a) (b)	12
		218,530
	Generic Pharmaceuticals 8.9%	
1,492,833	Akorn, Inc. (b)	2,672,171
108,889	Akorn, Inc. warrants (Restricted, expiration 3/08/11) (a) (b)	26,133
313,503	Impax Laboratories, Inc. (b)	4,263,641
116,786	Mylan Inc. (b)	2,152,366
103,700	Perrigo Company	4,131,408
161,513	Teva Pharmaceutical Industries, Ltd. (g)	9,073,800
	, , , , , ,	22,319,519
	Healthcare Services 8.0%	, ,.
287,500	Addus HomeCare Corp. (b)	2,645,000
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SHARES		VALUE
	Healthcare Services continued	
55,9	O Aetna Inc.	\$ 1,772,347
148,14	48 Aveta, Inc. (Restricted) (a) (b) (h)	1,481,480
208,00	O CardioNet, Inc. (b)	1,235,520
25,32	23 Laboratory Corporation of America Holdings (b)	1,895,173
145,12	20 Pharmaceutical Product Development, Inc.	3,401,613
124,2	7 VCA Antech Inc. (b)	3,095,488
44,45	WellPoint, Inc. (b)	2,590,990
1,157,11	2 Zix Corporation (b)	1,978,662
		20,096,273
	Medical Devices and Diagnostics 17.9%	
284,30	2 Align Technology, Inc. (b)	5,066,262
85,80	99 Gen-Probe Inc. (b)	3,681,206
237,54	4 Hologic, Inc. (b)	3,444,388
81,79	00 IDEXX Laboratories, Inc. (b)	4,370,858
171,20	77 Illumina, Inc. (b)	5,247,495
8,8	5 Intuitive Surgical, Inc. (b)	2,673,766
123,15	59 Inverness Medical Innovations, Inc. (b)	5,112,330
61,0	4 Life Technologies Corporation (b)	3,186,761
130,00	Masimo Laboratories, Inc. (Restricted) (a) (b)	83,047
447,08	Medwave, Inc. (b)	3,577
111,77	Medwave, Inc. warrants (Restricted, expiration 8/21/11) (a) (b)	0
137,83		3,597,441
62,00	•	62
823,63		3,409,865
	Songbird Hearing, Inc. (Restricted) (a) (b)	93
53,74		2,707,186
89,80	O Thoratec Corporation (b)	2,417,416
	• ` ` `	45,001,753
	Pharmaceuticals 4.1%	
88,43	Forest Laboratories, Inc. (b)	2,839,519
30,24		1,775,558
200,13	Warner Chilcott plc (b) (i)	5,697,758
		10,312,835
	TOTAL COMMON STOCKS AND WARRANTS	
	(Cost \$218,811,796)	\$ 211,581,312
PRINCIPAL AMOUNT		
	SHORT-TERM INVESTMENTS 6.5%	
\$ 7,000,00	O General Electric Capital Co., 0.12% due 01/04/10	6,999,930
8,000,00	OG General Electric Capital Co., 0.01% due 01/08/10	7,999,984
	4	

PRINCIPAL AMOUNT VALUE SHORT-TERM INVESTMENTS continued 1,295,500 General Electric Capital Co., 0.02% due 01/15/10 1,295,490 TOTAL SHORT-TERM INVESTMENTS \$ (Cost \$16,295,404) 16,295,404 TOTAL INVESTMENTS -101.0% \$ (Cost \$270,720,309) 253,675,464 OTHER LIABILITIES IN EXCESS OF ASSETS - (1.0)% \$ (2,554,000)**NET ASSETS - 100%** \$ 251,121,464

(i) A portion of security is pledged as collateral for call options written.

⁽a) Security fair valued.

⁽b) Non-income producing security.

⁽c) Affiliated issuers in which the Fund holds 5% or more of the voting securities (total market value of \$8,459,230).

⁽d) Number of warrants to be determined at a future date.

⁽e) Foreign security.

⁽f) Contingent Value Rights

⁽g) American Depositary Receipt

⁽h) Security exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers.

SCHEDULE OF WRITTEN OPTIONS

NUMBER OF CONTRACTS (100 SHARES EACH)		EXPIRATION DATE	CURRENT VALUE
	CALL OPTIONS WRITTEN		
107	Cephalon, Inc., strike @ 60	Jan - 2010	\$ (36,380)
26	Warner Chilcott plc, strike @ 30	Jan - 2010	(520)
	TOTAL CALL OPTIONS WRITTEN		
	(Premiums received \$22,176)		\$ (36,900)
	6		

Other 1	Information	Financial Accounting Standards Board Accounting Standards Codification No. 820, Fair Value Measurements and
Disclos	ures, establish	hes a three-tier hierarchy to prioritize the assumptions, referred to as inputs, used in valuation techniques to measure fair
value.	The three-tier	hierarchy of inputs is summarized in the three broad levels listed below:

•	Level 1	quoted prices in active markets for identical investments
• prepayme	Level 2 nt speeds,	prices determined using other significant observable inputs (including quoted prices for similar investments, interest rates, credit risk, etc.)
• of investm	Level 3 nents)	prices determined using significant unobservable inputs (including the Fund s own assumptions in determining the fair value)
These inp	uts or metl	nodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.
The follow	wing is a so	ummary of the inputs used as of December 31, 2009 to value the Fund s net assets:

	Level 1	Level 2		Level 3		Total
Assets at Value						
Convertible Securities and Warrants						
Biotechnologies/Biopharmaceuticals				\$	2,655,785	\$ 2,655,785
Drug Discovery Technologies		\$	38,500		3,184,555	3,223,055
Healthcare Services					3,503,912	3,503,912
Medical Devices and Diagnostics					16,415,996	16,415,996
Total Convertible Securities and Warrants			38,500		25,760,248	25,798,748
Common Stocks and Warrants						
Biotechnologies/Biopharmaceuticals	\$ 107,433,251				17,220	107,450,471
Drug Delivery	5,978,427				203,504	6,181,931
Drug Discovery Technologies	190,662				27,868	218,530
Generic Pharmaceuticals	22,293,386				26,133	22,319,519
Healthcare Services	18,614,793				1,481,480	20,096,273
Medical Devices and Diagnostics	44,918,551				83,202	45,001,753
Pharmaceuticals	10,312,835					10,312,835
Total Common Stocks and Warrants	209,741,905				1,839,407	211,581,312
Short-Term Investments			16,295,404			16,295,404
Other Assets					358,620	358,620
Total Assets at Value	\$ 209,741,905	\$	16,333,904	\$	27,958,275	\$ 254,034,084
Liabilities at Value						
Options Contracts Written	\$ 36,900	\$		\$		\$ 36,900

The following is a reconciliation of Level 3 assets for which significant unobservable inputs were used to determine fair value:

			R	Realized gain (loss)				
Level 3 Assets	Balance as of September 30, 2009	Accrued discounts/ premiums		and change in unrealized appreciation (depreciation)	ľ	Net purchases/ sales	transfers in of) Level 3	Balance as of December 31, 2009
Convertible Securities and Warrants			Φ.	7/2 247		04.440		2 (55 505
Biotechnologies/Biopharmaceuticals			\$	763,345	\$	81,110		\$ 2,655,785
Drug Discovery Technologies	3,184,555							3,184,555
Healthcare Services	3,503,912							3,503,912
Medical Devices and Diagnostics	18,766,961			(2,536,454)		185,489		16,415,996
Common Stocks and Warrants								
Biotechnologies/Biopharmaceuticals	187,738			18,630			\$ (189,148)	17,220
Drug Delivery	185,548			17,956				203,504
Drug Discovery Technologies	25,442			2,426				27,868
Generic Pharmaceuticals	16,333			9,800				26,133
Healthcare Services	1,481,480							1,481,480
Medical Devices and Diagnostics	56,419			26,783				83,202
Other Assets	618,509			196,460		(456,349)		358,620
Total	\$ 29,838,227		\$	(1,501,054)	\$	(189,750)	\$ (189,148)	\$ 27,958,275

Net change in unrealized appreciation (depreciation) from investments still held as of December 31, 2009 \$ (1,706,250)

Investment Valuation Investments traded on national securities exchanges or in the over-the-counter market that are National Market System securities are valued at the last sale price or, lacking any sales, at the mean between the last bid and asked prices. Other over-the-counter securities are valued at the most recent bid prices as obtained from one or more dealers that make markets in the securities. Publicly traded investments for which market quotations are not readily available or whose quoted price may otherwise not reflect fair value and the fair value of venture capital and other restricted securities are valued in good faith by the Adviser pursuant to valuation policies and procedures approved by the Trustees. Such values are subject to regular oversight and ratification by the Trustees. Because of the uncertainty of fair valuations, these estimated values may differ significantly from the values that would have been used had a ready market for these securities existed, and the differences could be material. Each such fair value determination is based on a consideration of relevant factors. Factors the Adviser considers may include (i) the existence of any contractual restrictions on the disposition of securities; (ii) information obtained from the issuer, which may include an analysis of the company s financial statements, the company s products or intended markets or the company s technologies; (iii) the price of a security negotiated at arm s length in an issuer s completed subsequent round of financing; and (iv) the price and extent of public trading in similar securities of the issuer or of comparable companies. Short-term investments with maturity of 60 days or less are valued at amortized cost, which approximates fair value.

Venture Capital and Other Restricted Securities The Fund may invest in venture capital and other restricted securities if these securities would currently comprise 40% or less of net assets. The value of these securities represents 11% of the Funds net assets at December 31, 2009. The following table details the acquisition date, cost, carrying value per unit, and value of the Funds venture capital and other restricted securities at December 31, 2009. The Fund on its own does not have the right to demand that such securities be registered.

Security (j)	Acquisition Date	Cost	Carrying Value per Unit	Value
Agilix Corporation	2	00.00	per cine	, made
Series B Cvt. Pfd.	11/08/01	\$ 1,663,667	\$ 0.06	\$ 94,540
Akorn, Inc.		-,,,		7 7,510
Warrants (expiration 3/08/11)	3/07/06	0.00	0.24	26,133
Athersys, Inc.				-,
Warrants (expiration 6/08/12)	6/07/07	0.00	0.21	17,220
Aveta, Inc.				, ,
Common	12/21/05	2,003,155	10.00	1,481,480
CardioKinetix, Inc.				
Series C Cvt. Pfd.	5/22/08	1,645,087	0.69	1,640,000
Cvt. Promissory Note	12/10/09	131,244	1.00	131,244
Warrants (expiration 12/11/19)	12/10/09	66	0.00	0
Ceres, Inc.				
Series C Cvt. Pfd.	12/23/98	1,000,950	6.50	1,625,000
Series C-1 Cvt. Pfd.	3/31/01	74,339	6.50	139,503
Series D Cvt. Pfd.	3/14/01	1,046,887	6.50	1,141,010
Series F Cvt. Pfd.	9/05/07	186,335	6.50	184,502
Warrants (expiration 9/05/15)	9/05/07	0.00	0.00	0
Clinical Data, Inc.				
Contingent Value Rights	5/28/09	0.00	0.17	27,856
Concentric Medical, Inc.				
Series B Cvt. Pfd.	5/07/02, 1/24/03	2,220,659	0.52	1,682,352
Series C Cvt. Pfd.	12/19/03	1,000,545	0.52	604,651
Series D Cvt. Pfd.	9/30/05	638,671	0.52	236,773
Series E Cvt. Pfd.	12/18/08	455,177	0.52	235,609
Cornerstone Therapeutics Inc.				
Warrants (expiration 6/06/10)	6/20/05	0.00	0.00	0
Elemé Medical, Inc.				
Series C Cvt. Pfd.	7/15/08	2,260,641	0.54	644,628
Subordinated Cvt. Promissory Note	12/18/09	49,479	1.00	48,545
FlowCardia, Inc.				
Series C Cvt. Pfd.	8/29/07	1,720,327	1.07	1,708,334
Interlace Medical, Inc.				
Series C Cvt. Pfd.	6/10/09	1,440,459	1.10	1,435,000
Labcyte Inc.				
Series C Cvt. Pfd.	7/18/05	1,283,262	0.52	1,280,000
MacroGenics, Inc.				
Series D Cvt. Pfd.	9/04/08	668,364	0.65	133,208
Series D Cvt. Pfd. 18 Month Lock-up	9/04/08	210,499	0.00	0
Magellan Biosciences, Inc.				
Series A Cvt. Pfd.	11/28/06, 11/04/09	2,166,424	1.00	2,161,090
Warrants (expriation 4/01/19)	4/03/09	0.00	0.00	0
Warrants (expiration 5/06/19)	5/12/09	0.00	0.00	0
Masimo Laboratories, Inc.				
Common	3/31/98	0.00	0.64	83,047
Medwave, Inc.				
Warrants (expiration 8/21/11)	8/21/06	0.00	0.00	0
MiddleBrook Pharmaceuticals, Inc.				
Warrants (expiration 4/29/10)	4/29/05	0.00	0.00	0
MZT Holdings, Inc.				
Warrants (expiration 1/17/11)	1/17/06	0.00	0.00	0
Warrants (expiration 1/22/12)	1/21/06	0.00	0.00	0

	Acquisition		(Carrying Value	
Security (j)	Date	Cost	J	per Unit	Value
OmniSonics Medical Technologies, Inc.					
Series A-1 Cvt. Pfd.	10/01/03	\$ 1,201,037	\$	0.001	\$ 1,031
Series B-1 Cvt. Pfd.	6/04/07, 11/15/07	668,067		0.001	877
Common	5/24/01, 7/02/07	1,606,361		0.001	62
Palyon Medical Corporation					
Series A Cvt. Pfd.	4/28/09	2,062,094		0.21	2,050,000
Penwest Pharmaceuticals Co.					
Warrants (expiration 3/11/13)	3/11/08	0.00		1.02	203,504
PHT Corporation					
Series D Cvt. Pfd.	7/23/01	2,803,841		0.78	2,800,000
Series E Cvt. Pfd.	9/12/03-10/14/04	627,472		0.78	626,337
Series F Cvt. Pfd.	7/21/08	81,720		0.78	77,575
Songbird Hearing, Inc.					
Common	12/14/00	2,003,239		0.67	93
TargeGen, Inc.					
Series C Cvt. Pfd.	8/30/05	1,842,330		1.30	1,840,000
Series D Cvt. Pfd.	5/08/07	531,198		1.30	530,173
Cvt. Promissory Note	9/08/09, 10/09/09	157,312		1.00	152,404
TherOx, Inc.					
Series H Cvt. Pfd.	9/11/00	2,001,787		1.66	72,122
Series I Cvt. Pfd.	7/08/05	386,640		1.66	165,293
Warrants (expiration 1/26/11)	1/26/05	0.00		0.00	0
Warrants (expiration 6/09/10)	6/09/04	0.00		0.00	0
Xoft, Inc.					
Series D Cvt. Pfd.	3/23/07	2,055,919		2.50	1,601,562
Series E Cvt. Pfd.	6/20/08	411,757		2.50	306,885
Cvt. Promissory Note	6/12/09	415,686		1.00	410,000
Warrants (expiration 6/12/14)	6/12/09	41		0.00	0
Zyomyx, Inc.					
Common	2/19/99 - 7/22/04	2,601,013		0.25	12
		\$ 43,323,751			\$ 27,599,655

 $[\]label{eq:constraint} \mbox{(j) See Schedule of Investments and corresponding footnotes for more information on each issuer.}$

Federal Income Tax Cost - At December 31, 2009, the total cost of securities for Federal income tax purposes was \$270,720,309. The net unrealized loss on securities held by the Fund was \$17,044,845, including gross unrealized gain of \$21,295,852 and gross unrealized loss of \$38,340,697.

Affiliate Transactions - An affiliate issuer is a company in which the Fund holds 5% or more of the voting securities. Transactions with such companies during the period ended December 31, 2009 were as follows:

Issuer	V	alue on October 1, 2009	I	Purchases	Sales	Income	Valu	e on December 31, 2009
Agilix Corporation	\$	94,540	\$	\$		\$	\$	94,540
Concentric Medical, Inc.		5,306,510						2,759,385
MZT Holdings, Inc.		48,031						51,393
Palyon Medical Corporation		2,050,000						2,050,000
PHT Corporation		3,503,912						3,503,912
	\$	11,002,993	\$	\$		\$	\$	8,459,230

Item 2. Controls and Procedures.

(a.)	The registrant s principal executive officer and principal financial officer have concluded, based on their evaluation of the registrant
disclosur	e controls and procedures as conducted within 90 days of the filing date of this report, that these disclosure controls and procedures are
adequate	y designed and are operating effectively to ensure that information required to be disclosed by the registrant on Form N-Q is (i)
accumula	ted and communicated to the investment company s management, including its certifying officers, to allow timely decisions regarding
required	disclosure; and (ii) recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange
Commiss	ion s rules and forms.

(b.) There were no changes in the registrant s internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act that occurred during the registrant s last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant s internal control over financial reporting.

Item 3. Exhibits.

Separate certifications for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Act (17 CFR 270.30a-2(a)). Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities and Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) H&Q Life Sciences Investors

By (Signature and Title) /s/ Daniel Omstead

Daniel Omstead, President

Date 3/1/2010

Pursuant to the requirements of the Securities and Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title) /s/ Laura Woodward

Laura Woodward, Treasurer

Date 3/1/2010