DOR BIOPHARMA INC Form 424B3 August 21, 2009

Prospectus Supplement dated August 14, 2009 Filed Pursuant to Rule 424(b)(3) File No. 333-149239

DOR BIOPHARMA, INC.

This prospectus supplement supplements:

• the prospectus dated May 6, 2009 relating to the offer and sale by the selling stockholders identified in the prospectus of up to 26,563,613 shares of our common stock.

This prospectus supplement contains the Form 10-Q we filed with the Securities and Exchange Commission on August 14, 2009. This prospectus supplement should be read in conjunction with, and may not be utilized without, the relevant Prospectus, which is to be delivered with this prospectus supplement. This prospectus supplement is qualified by reference to the relevant Prospectus except to the extent that the information in this prospectus supplement updates and supersedes the information contained in such Prospectus, including any supplements or amendments thereto.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

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

FORM 10-Q

(X) QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934.

For the Quarterly Period Ended June 30, 2009

()	TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIE	ΞS
	EXCHANGE ACT OF 1934.	

For the transition period from ______ to _____

Commission File No. 000-16929

DOR BIOPHARMA, INC.

(Exact name of registrant as specified in its charter)

DELAWARE 41-1505029
(State or other jurisdiction of incorporation or organization) 41-1505029
(I.R.S. Employer Identification Number)

29 Emmons Drive, Suite 08540

C-10

Princeton, NJ
(Address of principal executive offices)

(Zip Code)

(609) 538-8200 (Issuer's telephone number, including area code)

Indicate by check whether the registrant (1) filed all reports required to be filed by Section 13 or 15(d) of the Exchange Act during the past 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes x No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web Site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes o No o

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definition of "accelerated filer" and "large accelerated filer" in Rule 112b-2 of the

Exchange Act (Check one).

Large accelerated filerAccelerated filer o Non-accelerated filer o Smaller reporting company x

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes o No x

At August 10, 2009, 167,424,666 shares of the registrant's common stock (par value, \$.001 per share) were outstanding.

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PART I. - FINANCIAL INFORMATION

ITEM 1 - FINANCIAL STATEMENTS

DOR BioPharma, Inc. Consolidated Balance Sheets

Assets	30	June , 2009 (Unaudited)		December 31, 2008	
Current assets: Cash and cash equivalents	\$	4,844,172	\$	1,475,466	
Grants receivable	7	152,392	,	278,316	
Inventory, net		113,261		82,182	
Prepaid expenses		199,784		86,837	
Total current assets		5,309,609		1,922,801	
Office and laboratory equipment, net		23,336		21,217	
Intangible assets, net		1,451,890		1,418,717	
Total assets	\$	6,784,835	\$	3,362,735	
Liabilities and shareholders' equity					
Current liabilities:					
Accounts payable	\$	1,076,004	\$	1,015,005	
Accrued compensation		246,316		370,614	
Total current liabilities		1,322,320		1,385,619	
Commitments and contingencies					
Shareholders' equity:					
Preferred stock; 5,000,000 shares authorized; none issued or		-		-	
outstanding					
Common stock, \$.001 par value; 400,000,000 shares authorized; 167,364,342 shares and 118,610,704 shares issued and					
outstanding					
in 2009 and 2008, respectively		167,364		118,610	
Additional paid-in capital		111,542,898		104,176,253	
Accumulated deficit		(106,247,747)		(102,317,747)	
Total shareholders' equity		5,462,515		1,977,116	
Total liabilities and shareholders' equity	\$	6,784,835	\$	3,362,735	

The accompanying notes are an integral part of these financial statements.

DOR BioPharma, Inc. Consolidated Statements of Operations For the Three Months Ended June 30, (Unaudited)

		2009	2008
Revenues, principally from grants	\$	332,315	\$ 488,244
Cost of revenues		(253,865)	(391,845)
Gross profit		78,450	96,399
Operating expenses:			
Research and development		1,134,914	743,601
General and administrative		578,528	554,526
Stock-based compensation-research and development		58,687	39,583
Stock-based compensation-general and administrative		97,959	36,793
Total operating expenses		1,870,088	1,374,503
Loss from operations	(1,	791,638)	(1,278,104)
Other income:			
Interest income, net		6,734	6,398
Net loss	\$	(1,784,904)	\$ (1,271,706)
Basic and diluted net loss per share	\$	(0.01)	\$ (0.01)
Basic Basic and diluted weighted average common shares outstanding		167,125,183	