UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): August 2, 2007

AVANT Immunotherapeutics, Inc.
(Exact name of registrant as specified in its charter)

Commission file number 0-15006

Delaware	13-3191702
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)

119 Fourth Avenue
Needham, Massachusetts 02494
(Address of principal executive offices, including zip code)

(781) 433-0771
(Registrant's telephone number, including area code)

(Former name, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

|_| Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

|_| Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

|_| Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

|_| Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On August 2, 2007, AVANT Immunotherapeutics, Inc. issued a press release announcing its financial results for the second quarter of 2007. The full text of the press release is furnished as Exhibit 99.1 hereto and is incorporated by reference herein.

The information in this Item 2.02 of this Current Report on Form 8-K and Exhibit 99.1 attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended (the "Securities Act"), or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

99.1 Press Release of AVANT Immunotherapeutics, Inc., dated August 2, 2007.

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be filed on its behalf by the undersigned hereunto duly authorized.

AVANT Immunotherapeutics, Inc.

Dated: August 2, 2007

By: /s/ Avery W. Catlin

Avery W. Catlin
Senior Vice President and
Chief Financial Officer

Exhibit Index

99.1 Press Release of AVANT Immunotherapeutics, Inc., dated August 2, 2007.

Exhibit 99.1

AVANT Immunotherapeutics Reports Second Quarter and Six-Month Financial Results

NEEDHAM, Mass.--(BUSINESS WIRE)--Aug. 2, 2007--AVANT Immunotherapeutics, Inc. (Nasdaq: AVAN) today reported financial results for the second quarter and first six-month period of fiscal year 2007. The Company reported a net loss of $5.5 million, or $.07 per share, for the second quarter of 2007 compared to a net loss of $5.7 million, or $.08 per share, for the second quarter of 2006. For the six months ended June 30, 2007, AVANT reported a net loss of $11.1 million, or $.15 per share, compared to a net loss of $8.6 million, or $.12 per share, for the six months ended June 30, 2006. The 2007 three and six month losses include one-time restructuring charges of $723,785. AVANT reported cash and cash equivalents of $26 million at June 30, 2007.

Una S. Ryan, Ph.D., AVANT's President and Chief Executive Officer, said, "These financial results were consistent with our expectations and we remain on track in our active product development programs. In April, we announced a restructuring of our company to reduce ongoing operational costs in certain areas no longer central to our focus. This will allow us to aggressively pursue those programs capable of creating the greatest value for AVANT as a developer of next-generation bacterial and viral vaccines. We expect this action will also reduce our quarterly burn rate by approximately 18% next year, extending our financial resources."

AVANT plans to concentrate on building an enhanced portfolio of viral and bacterial vaccines for travelers and global health around AVANT's core technologies and unique development and manufacturing capabilities. As such, AVANT will continue to support key partners in their development efforts but will no longer invest its resources in biodefense research and development (R&D) activities or further invest in clinical trials for the CETi cholesterol management vaccine or TP10 programs.

Further Financial Highlights

The net loss for the second quarter of 2007 was comparable to the net loss for the same period in 2006. The increase in revenues primarily reflected increased product royalties offset by reduced levels of vaccine development work billable to DVC LLC (DVC) during the second quarter of 2007. In the second quarter of 2007, AVANT recognized $875,018 in product royalty revenue consisting of $478,528 related to Paul Royalty Fund's (PRF) purchased interest in Rotarix(R) net royalties and $396,490 related to royalty expense payable to Cincinnati Children's Hospital Medical Center (CCH). Operating expenses in 2007 include restructuring charges of $723,785 recorded during the second quarter. R&D expenses in the second quarter of 2007 also included $396,490 of royalty expense payable to CCH. AVANT had lower investment income in 2007, primarily reflecting lower cash balances between periods.

The six-month results for 2007 reflect an increase in net loss compared to the same period in 2006. This increase in net loss primarily reflected a decrease in revenue, an increase in operating expense, and a decrease in investment income. Revenues for the first six months of 2007 were $2.2 million, compared with revenues of $4.2 million for the first six months of 2006. The decrease in product development and licensing revenue in 2007 reflects a one-time milestone payment of $2.6 million recorded in the first quarter of 2006. In the first six months of 2007, AVANT recognized $1.8 million in product royalty revenue consisting of $903,210 related to PRF's purchased interest in Rotarix(R) net royalties and $850,543 related to royalty expense payable to CCH. In the first six months of 2006, AVANT recognized $550,803 in product royalty revenue related to PRF's purchased interests in Rotarix(R) net royalties. The decrease in government contracts and grants revenue in 2007 compared to 2006 primarily reflects reduced levels of vaccine development work billable to DVC in 2007.

Increased operating expenses in the six-month results for 2007 primarily resulted from an increase in research and development expense of approximately $1,113,725, due primarily to restructuring charges of $723,785 recorded during the second quarter of 2007. R&D expenses include $850,543 and $600,000 of royalty expense payable to CCH at June 30, 2007 and 2006, respectively. The increase in operating expenses also resulted from higher general and administrative

expenses, which are primarily due to increases in personnel-related expenses and professional services costs. AVANT had higher investment income in the first half of 2006 primarily reflecting higher cash balances between periods.

The $40 million milestone payment received from PRF during the first quarter of 2006 resulted in taxable income for AVANT. The regular taxable income generated by this transaction will be fully offset with available federal and state net operating loss carryforwards. AVANT recorded a provision of $372,000 in the first quarter of 2006 for the alternative minimum tax that will result from receipt of this milestone.

Marketed Products

GlaxoSmithKline (GSK) has continued to pursue the global commercialization of Rotarix(R), which has now been approved in over 90 markets worldwide, including the European Union. In June, AVANT reported that GSK had filed for market approval in the United States. If GSK achieves U.S. approval for Rotarix(R) and launches the vaccine in 2008, AVANT will receive a $10 million royalty payment from PRF.

Clinical Development Program Update

In February 2006, the NIAID of the National Institutes of Health (NIH) initiated an investigational double-blind, placebo-controlled Phase 1/2 in-patient dose-escalation clinical trial aimed at demonstrating the safety and immunogenicity of AVANT's Ty800 typhoid fever vaccine. In May 2007, AVANT announced preliminary results in which the NIAID researchers found the single-dose, oral vaccine to be well tolerated and immunogenic, with over 90% of vaccinated subjects generating immune responses. Based on these excellent results, AVANT plans to further develop Ty800 to compete in the expanding typhoid fever vaccine market, which currently has over $200 million in annual sales. AVANT has subsequently announced the initiation of a company-sponsored double-blind, placebo-controlled Phase 2 dose-ranging trial of Ty800.

In 2005, AVANT and its partner, the International Vaccine Institute (IVI), announced the successful completion of a Phase 2 trial of CholeraGarde(R), AVANT's cholera vaccine, in Bangladesh where cholera is endemic. With support from the Gates Foundation, IVI is now planning to initiate further Phase 2 and Phase 3 studies of CholeraGarde(R) beginning around year-end 2007.

In the second half of 2007, AVANT expects to initiate a Phase 1/2 trial of its ETEC E. coli vaccine candidate. AVANT's long-term goal is to develop a combination vaccine containing CholeraGarde(R), Ty800, S. paratyphi A and ETEC as a "super enteric vaccine" to address the travelers' market.

Manufacturing:

AVANT has the capability to manufacture vaccines for Phase 2 and 3 clinical testing to current Good Manufacturing Practices (cGMP) standards through its own state-of-the-art manufacturing facility for the production of live, attenuated bacterial vaccines. AVANT has produced clinical trial supplies of ETEC vaccine for the Phase 1/2 study planned to start later in 2007.

Webcast and Conference Call

Dr. Ryan and Mr. Catlin will host a conference call and live audio webcast at 11:00 AM EDT on Thursday, August 2, 2007 to discuss AVANT's Second Quarter and Six-Month financial results. To access the conference call, dial 800-659-2037 (within the U.S.), or 617-614-2713 (if calling from outside the U.S.). The passcode for participants is 74142034. An audio replay will be available approximately two hours after the call for approximately one week and can be accessed by dialing 888-286-8010 (within the U.S.), or 617-801-6888 (if calling from outside the U.S.). The passcode I.D. number is 67559598. The replay will also be broadcast via the Company's website, www.avantimmune.com, approximately two hours after the live call. Additionally, a copy of this press release is available by contacting Investor Relations at (781) 433-0771.

About AVANT Immunotherapeutics, Inc.

AVANT Immunotherapeutics, Inc. discovers and develops innovative vaccines and therapeutics that harness the human immune system to prevent and treat disease. AVANT has three products on the market and

three of AVANT's products are in clinical development. AVANT's pipeline includes products for travelers' vaccines and global health needs based on AVANT's oral, rapid-protecting, single-dose and temperature stable vaccine technology.

Additional information on AVANT Immunotherapeutics, Inc. can be obtained through our site on the World Wide Web: http://www.avantimmune.com.

Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995: The statements made in this press release which are not statements of historical fact are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including, without limitation, statements that may be identified by words such as "expectations," "remains," "focus," "expected," "prospective," "expanding," "building," "continue," "progress," "plan," "efforts," "hope," "believe," "objectives," "opportunities," "will," "seek," and other expressions which are predictions of or indicate future events and trends and which do not constitute historical matters identify forward-looking statements. These statements also include statements regarding: (i) AVANT's expectations regarding its restructuring and quarterly cash burn rate, (ii) AVANT's expectations to find partnerships for the cardiovascular programs (iii) AVANT's expectations of royalty payments from PRF related to Rotarix, (iv) AVANT's expectations to initiate its own sponsored double-blind, placebo-controlled Phase 2 dose-ranging trial of Ty800 and Phase 1/2 trial of its ETEC E. coli vaccine candidate, and (v) statements made regarding AVANT's goals for its programs and products. This release includes forward-looking statements that are subject to a variety of risks and uncertainties and reflect AVANT's current views with respect to future events and financial performance. There are a number of important factors that could cause the actual results to differ materially from those expressed in any forward-looking statement made by AVANT. These factors include, but are not limited to: (1) the integration of multiple technologies and programs; (2) the ability to adapt AVANT's vectoring systems to develop new, safe and effective orally administered vaccines against anthrax and plague or other any other microbes used as bioweapons and other disease causing agents; (3) the ability to successfully complete product research and further development, including animal, pre-clinical and clinical studies, and commercialization of CholeraGarde(R) (Peru-15), Ty800, ETEC E. coli vaccine, VLPs and other products and AVANT's expectations regarding market growth; (4) the cost, timing, scope and results of ongoing safety and efficacy trials of CholeraGarde(R) (Peru-15), Ty800, ETEC E. coli vaccine and other preclinical and clinical testing; (5) the ability to negotiate strategic partnerships or other disposition transactions for AVANT's cardiovascular programs, including TP10 and CETi; (6) the ability of AVANT to manage multiple clinical trials for a variety of product candidates; (7) AVANT's expectations regarding its technological capabilities and expanding its focus to broader markets for vaccines; (8) the Company's expectations regarding the cost of funding its development partnership with Select Vaccines Limited for the influenza vaccine, the opportunity to extend to other disease targets, and AVANT's ability to develop products through this collaboration; (9) changes in existing and potential relationships with corporate collaborators; (10) the availability, cost, delivery and quality of clinical and commercial grade materials produced at AVANT's own Manufacturing facility or supplied by contract manufacturers and partners; (11) the timing, cost and uncertainty of obtaining regulatory approvals; (12) the ability to develop and commercialize products before competitors that are superior to the alternatives developed by competitors; (13) the ability to retain certain members of management;(14) AVANT's expectations regarding research and development expenses and general and administrative expenses; (15) AVANT's expectations regarding cash balances, capital requirements, anticipated royalty payments (including those from Paul Royalty Fund), revenues and expenses, including infrastructure expenses; (16) AVANT's belief regarding the validity of its patents and potential litigation; and (17) certain other factors that might cause AVANT's actual results to differ materially from those in the forward-looking statements including those set forth under the headings "Business," "Risk Factors" and Management's Discussion and Analysis of Financial Condition and Results of Operations" in AVANT's Annual Report on Form 10-K for the year ended December 31, 2006, as well as those described in AVANT's other press releases and filings with the Securities and Exchange Commission, from time to time. You should carefully review all of these factors, and you should be aware that there may be other factors that could cause these differences. These forward-looking statements were based on information, plans and estimates at the date of this press release, and AVANT does not

promise to update any forward-looking statements to reflect changes in underlying assumptions or factors, new information, future events or other changes.

AVANT IMMUNOTHERAPEUTICS, INC.

CONSOLIDATED STATEMENTS OF OPERATIONS DATA	Quarter Ended June 30,		Six Months Ended June 30,	
	2007	2006	2007	2006
	(Unaudited)		(Unaudited)	
REVENUE				
Product Development and Licensing Agreements	$ 10,018	$ 17,446	$ 18,104	$ 2,637,420
Government Contracts and Grants	88,999	460,523	351,258	960,730
Product Royalties	910,379	27,510	1,822,231	613,816
Total Revenue	1,009,396	505,479	2,191,593	4,211,966
OPERATING EXPENSE				
Research and Development	4,967,629	4,463,899	9,926,331	8,812,606
General and Administrative	1,671,138	2,117,192	3,723,115	4,105,706
Amortization of Acquired Intangible Assets	240,048	248,778	480,096	497,556
Total Operating Expense	6,878,815	6,829,869	14,129,542	13,415,868
Operating Loss	(5,869,419)	(6,324,390)	(11,937,949)	(9,203,902)
Investment Income, Net	364,173	654,091	806,424	934,612
Loss before Provision for Income Taxes	(5,505,246)	(5,670,299)	(11,131,525)	(8,269,290)
Provision for Income Taxes	-	-	-	372,000
Net Loss	$(5,505,246)	$(5,670,299)	$(11,131,525)	$(8,641,290)
Basic and Diluted Net Loss per Common Share	$ (0.07)	$ (0.08)	$ (0.15)	$ (0.12)
Weighted Average Common Shares Outstanding	75,184,048	74,174,761	75,184,015	74,173,668

CONDENSED CONSOLIDATED BALANCE SHEETS	June 30,	December 31,

	2007 (Unaudited)	2006
ASSETS		
Cash and Cash Equivalents	$25,909,541	$40,911,539
Other Current Assets	1,419,553	1,491,955
Property and Equipment, net	16,555,004	13,967,800
Investment in Select Vaccines Ltd.	696,951	-
Intangible and Other Assets, net	4,628,151	5,108,248
Total Assets	$49,209,200	$61,479,542
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current Liabilities	$ 8,465,338	$10,084,313
Long-Term Liabilities	$49,575,359	49,234,249
Stockholders' Equity	(8,831,497)	2,160,980
Total Liabilities and Stockholders' Equity	$49,209,200	$61,479,542

CONTACT: AVANT Immunotherapeutics, Inc.
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