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The Biotech Capital Group

NanoViricides, Inc.



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Equity Research Report

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CORPORATE BACKGROUND OF NANOVIRICIDES, INC

SUMMARY

NanoViricides, Inc. (herein referred to as “Company”, OTCBB:NNVC) is a biopharmaceutical company developing nano-technology-based anti-viral medicines. Their drugs employ a systems-biology-based mechanism of action; called “nanoviricides (™)” (nanotechnology-enabled, targeted viricides, *i.e.*, virus-killing agent). A nanoviricide targets, engages, encapsulates and destroys the target virus. What is a nanoviricide? A NanoViricide is a bio-mimetic. In other words, the virus thinks the Nanoviricide is a cell and treats it as such. Using a bio-mimetic enables the nanoviricide to maintain its effectiveness even if and when the virus mutates.

NNVC currently has drug candidates against: (1) Influenza, (2) HIV, (3) EKC—an aggressive form of “pink eye”, (4) Bird Flu (H5N1) and other Highly Pathogenic Avian Influenzas, and (5) Rabies. Additional projects underway include Herpes Simplex viruses, Hepatitis C, Dengue virus and Ebola/Marburg virus. Exploratory projects include Multiple Sclerosis and common colds.

Corporate History of Nanoviricides, Inc.

Nanoviricides, Inc. is a developmental stage biotechnology company. NNVC was incorporated in Nevada on April 1, 2005. The Company is publicly traded on the OTCBB under the symbol NNVC. Nanoviricide was formed in May 2005 with exclusive, perpetual licenses to anti-viral drug development technologies and intellectual property from TheraCour Pharma, Inc. It was taken public via reverse merger with a public shell company in June 2005. This public shell was Edot-com.com, a public shell incorporated in Nevada on April 1, 2005, for the purpose of conducting internet transactions. NNVC acquired Edot-com.com through a Plan of Share Exchange. Nanoviricides became fully reporting in November 2006.

Viral Targets of NanoViricides, Inc.

NanoViricides is currently working on drug candidates for several highly infectious diseases. In order to truly appreciate the Company's technology, one must become familiar with the viruses they seek to treat. NNVC currently is engaging in pre-clinical development to further develop lead drug candidates that utilize their technology against two well known viruses; HIV and H5N1 (among others). A closer examination of each of these is required to gain a full understanding of what NNVC is attempting to accomplish.

HIV

Human Immunodeficiency Virus is a retrovirus that can lead to acquired immunodeficiency syndrome (AIDS), a condition in humans in which the immune system begins to fail, leading to life-threatening opportunistic infections.

HIV primarily infects vital cells in the human immune system such as helper T cells (specifically CD4⁺ T cells), macrophages and dendritic cells. HIV infection leads to low levels of CD4⁺ T cells through three main mechanisms: primarily, direct viral killing of infected cells; secondly, increased rates of apoptosis in infected cells; and thirdly, killing of infected CD4⁺ T cells by CD8⁺ cytotoxic lymphocytes that recognize infected cells. When CD4⁺ T cell numbers decline below a critical level, cell-mediated immunity is lost, and the body becomes progressively more susceptible to opportunistic infections.

HIV enters macrophages and CD4⁺ T cells by the adsorption of **glycoproteins** on its surface to receptors on the target cell followed by **fusion of the viral envelope with the cell membrane and the release of the HIV capsid into the cell**. Once the viral capsid enters the cell, an enzyme called *reverse transcriptase* liberates the single-stranded (+)RNA from the attached viral proteins and copies it into a complementary DNA. This process of reverse transcription is extremely error-prone and it is during this step that mutations may occur. Such mutations may cause drug resistance.

H5N1 (Bird Flu)

HPAI A(H5N1) is an avian disease. There is some evidence of limited human-to-human transmission of the virus. A risk factor for contracting the virus is handling of infected poultry, but transmission of the virus from infected birds to humans is inefficient. Still, around 60% of humans known to have been infected with the current Asian strain of HPAI A (H5N1) have died from it, and H5N1 may mutate or reassort into a strain capable of efficient human-to-human transmission.

Due to the high lethality and virulence of HPAI A(H5N1), its endemic presence, its increasingly large host reservoir, and its significant ongoing mutations, the H5N1 virus is the world's largest current pandemic threat, and billions of dollars are being spent researching H5N1 and preparing for a potential influenza pandemic. H5N1 is a subtype of the species *Influenza A virus* of the *Influenzavirus A* genus of the *Orthomyxoviridae* family. Like all other influenza A subtypes, the H5N1 subtype is an RNA virus. HA codes for **hemagglutinin, an antigenic glycoprotein found on the surface of the influenza viruses and is responsible for binding of the virus to the cell that is being infected**. NA codes for neuraminidase, an antigenic glycosylated enzyme found on the surface of the influenza viruses that helps the virus liberate itself from the cell.

In general, humans who catch a humanized Influenza A virus (a human flu virus of type A) usually have symptoms that include fever, cough, sore throat, muscle aches, conjunctivitis, and, in severe cases, breathing problems and pneumonia that may be fatal. The severity of the infection depends to a large part on the state of the infected person's immune system and whether the victim has been exposed to the strain before (in which case they would be partially immune). No one knows if these or other symptoms will be the symptoms of a humanized H5N1 flu.

Apart from H5N1, HPAI strains exist in the H7 family (H7N3, H7N2), and have caused minor human epidemics in the past. Any of these viruses (H5 or H7) may be the cause of the next potential influenza pandemic, according to CDC scientists.

The Technology behind NanoViricides

With a general understanding of each of these viruses, we can now begin to see how Nanoviricide technology seeks to combat these viruses. A nanoviricide is comprised of two parts; (1) a ligand—a targeting molecule that identifies and seeks the virus and (2) a nanomicelle—which is a flexible nano-scale “blob” that slimes and destroys the virus. When a ligand against a virus is chemically attached to a nanomicelle, a nanoviricide is created. The nanoviricide is chemically programmed to seek out and attack the virus. Once the virus particle “sees” the nanoviricide, they bind together. The nanoviricide then engulfs the virus and destroys the viral envelope.

The viral envelope is a critical component in targeting viruses and neutralizing their threat (Lentz, 1990). The viral envelope covers the viral capsid which contains the genetic material of the virus. The viral capsid by itself is not infectious, as it does not bind to human cells and does not have the machinery for transporting the viral genome into the human cell. The envelope is derived from portions of the host cell membrane and includes certain viral glycoproteins (long, complex sugar chains). These glycoproteins enable the virus to bind to receptors on human cells. Complex interactions of the functional viral envelope and its components with the cell are required for viruses to enter the cells. Glycoprotein’s on the surface of the envelope serve to identify and bind to receptors on the host’s membrane. By destroying the viral envelope, the nanoviricide prevents the virus from infecting human cells.

The nanoviricide technology is based on the TheraCour polymeric micelle technologies invented and developed by Anil R. Diwan, PhD, a Company founder, since 1993. TheraCour’s “multi-targeting” feature allows highly selective binding to viral particles sort of like a nanoscale “Velcro-tape” and its “Multi-targeting” feature allows highly selective binding to a specific type of virus using more than one feature on the virus surface. A nanoviricide can also carry an encapsulated active ingredient that can destroy the viral genome.

NNVC has developed certain broad-spectrum nanoviricides, i.e. nanoviricides that are highly effective against not just one virus but many distinctly different types of viruses, using ligands that mimic the common feature of a cell to which they bind. Additionally, the Company has also created ligands specific to certain viruses such as HIV, Influenza, and EKC among others. NNVC has also developed an advanced nanomicelle that can be stockpiled readily in preparation of an outbreak of one of these deadly viruses. This technology is called “Accurate Drug In Field (™) or AIDF(™) technology. It enables, for the first time, the capability to rapidly develop specific antiviral agents in the field when a small epidemic begins, before it spreads.

Business and Drug Development Strategy

NNVC plans to take advantage of the Fast-Track, Orphan Drug and Animal Rule vehicles wherever possible. In addition, because NNVC plans on using the same nanomicelle, they can create a common Drug Master File with the FDA for the nanomicelle, which can be referenced by subsequent drug applications. This reduces the cost of drug development after the first drug application. Once the FDA approves the first of NNVC's drugs, management plans to submit a new NDA approximately every 6 months. Nanoviricides, Inc anticipates the first approval to take place in the 2011-2012 time frames assuming adequate resource availability.

The Company's business strategy is focused on the FDA approval and commercialization of nanoviricides with the objective of maximizing investor returns and also maximizing social benefit. The Company relies heavily on collaborations with renowned Institutes and Academic laboratories for performing the anti-viral drug development studies. Some anti-viral drug testing in cell cultures as well as animal studies are outsourced to contract laboratories. With this approach NNVC does not have to build expensive anti-viral biosafety laboratories and animal laboratories, saving capital. Further, all of NNVC's testing is performed by impartial, independent scientists.

NNVC's collaborations enable that for projects such as Ebola, Rabies and Dengue viruses, the Company has a very low cost burden, if any. Further, NNVC believes that in the near future NNVC should be able to obtain government support for these drug development projects. NNVC plans to enter into licensing agreements with large pharmaceutical companies, which have shown interest primarily in the commercially important drugs. The standard model is upfront payment, followed by milestone payments and royalties from sales after FDA approval.

FINANCIAL MODELS FOR NANOVIRICIDES, INC.

The following financial models provide a glimpse into the future of Nanoviricides over the next three years. Each of the models is predicated on several assumptions. The Company's revenue was calculated assuming a pharmaceutical deal would be reached comprised of an up-front payment and milestone payments as NNVC worked towards drug production. The first model assumes the absolute worst case scenario; that NNVC does not reach any type of deal with a pharmaceutical company and only secures a very modest licensing agreement. The increase in revenue year over year is a modest 10%. The forecasts were kept very conservative in order to provide a more logical projection of revenues for NNVC. The second model is based on the assumption NNVC will secure one pharmaceutical deal. The revenue

projections were arrived at by analyzing current market data for recent pharmaceutical deals involving up-front payments as well as milestones. Again, an average was taken of the most recent deals and a more conservative estimation was employed. Likewise, the third model is predicated on NNVC securing two pharmaceutical deals inclusive of up-front payments and milestones. The same methodology was utilized to determine the appropriate revenue projection.

Other important assumptions and modifications to the model include, pulling the amount for depreciation and amortization from the Cash Flow Statement. Additionally, the values of SGA (Selling, General and Administrative Expenses), Operating Expenses and COGS (Cost of Goods and Services) were based on the 2009 revenue projection. This was done in order to arrive at a logical model. If the 2007 or 2008 revenue amounts were used in the modeling formulae then the model would have yielded “0” for all three sections—this would be incorrect and illogical to say the least. Therefore, the projected revenue amount was used in order to avoid this problem. Additionally, specific sections of the model need to be explained.

When examining the models closely one will observe certain cells are shaded in yellow and are left blank. This is done intentionally. Specific amounts are assumed to be reported in the future financial reports to be released by the company and do not need to be calculated. These amounts include Interest Income, SGA, Depreciation/Amortization, Surplus Funds and Provision for Taxes. Cost of Goods and Services (COGS) was intentionally left blank due to the fact the COGS calculation was based not on a projected amount but rather on COGS as a percentage of revenue.

Accounts Payable was left blank because we used a formula to derive the “Days of COGS” of accounts payable turnover, or a measure of how many days on average the company holds its payables before actually paying them off. The longer it is, the more of a “free loan” the company enjoys. Other current liabilities is also based on a percentage of revenue calculation, hence that cell being left blank.

Financial Model #1 is shown below:

**FINANCIAL MODEL
#1 (WORST CASE)**

NANOVIRICIDES

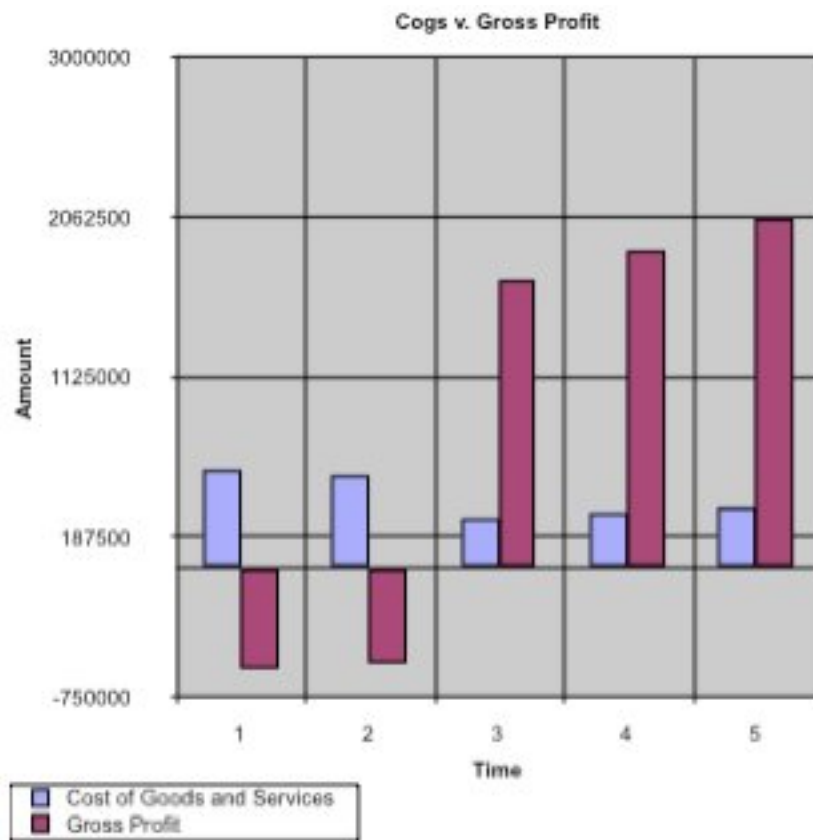
INCOME STATEMENT	2007	2008	Projected 2009	Projected 2010	Projected 2011
Revenues	0	0	2000000		
Percent Growth Revenues	na	na	na	10.00%	10.00%
	0	0	2000000	2200000	2420000
COGS	575715	550273			
As % of Revenue	0	0	15%	15%	15%
COGS	575715	550273	300000	330000	363000
GROSS PROFIT	-575715	-550273	1700000	1870000	2057000
Gross Margin	0	0	0.85	0.85	0.85
SGA	1732285	1408932			
As % of Revenues	0	0	15.00%	15.00%	15.00%
SGA	1732285	1408932	300000	330000	363000
			Projected	Projected	Projected
Operating Expenses	2007	2008	2009	2010	2011
As % of Revenues	0	0	30%	30%	30%
Operating Expenses	2308000	1793155	600000	660000	726000
EBITDA	-2308000	-1959205	800000	880000	968000
EBITDA Margin	0	0	0.4	0.4	0.4
Depreciation/Amor	1615	4783			
As % of Net PPE	N/A	25.87223454	26%	26%	26%
As % of Revenue	0	0			
Depreciation/Amor	1615	4783	17024.7065	12682.35631	9384.94367
EBIT	-2306385	-1954422	782975	867318	958615
EBIT Margin	0	0	0.4	0.4	0.4
Interest Income	50937	47570			
Surplus Funds			165235.15	10727.1	0
Cash			60541.8	60541.8	60541.8
ST Investments			0	0	0
Interest Income	50937	47570	225776.95	71268.9	60541.8
EBT	-2255448	-1906852	1008752	938587	1019157
EBT Margin	0	0	0.504376122	0.426630247	0.421139197
Provision for Taxes	0	0			
Tax Rate	0	0	33%	33%	33%
Provision for Taxes	0	0	332888.2404	309733.5594	336321.7626

Net Income	-2255448	-1906852	675864	628853	682835
Net Margin	0	0	0.337932002	0.285842266	0.282163262

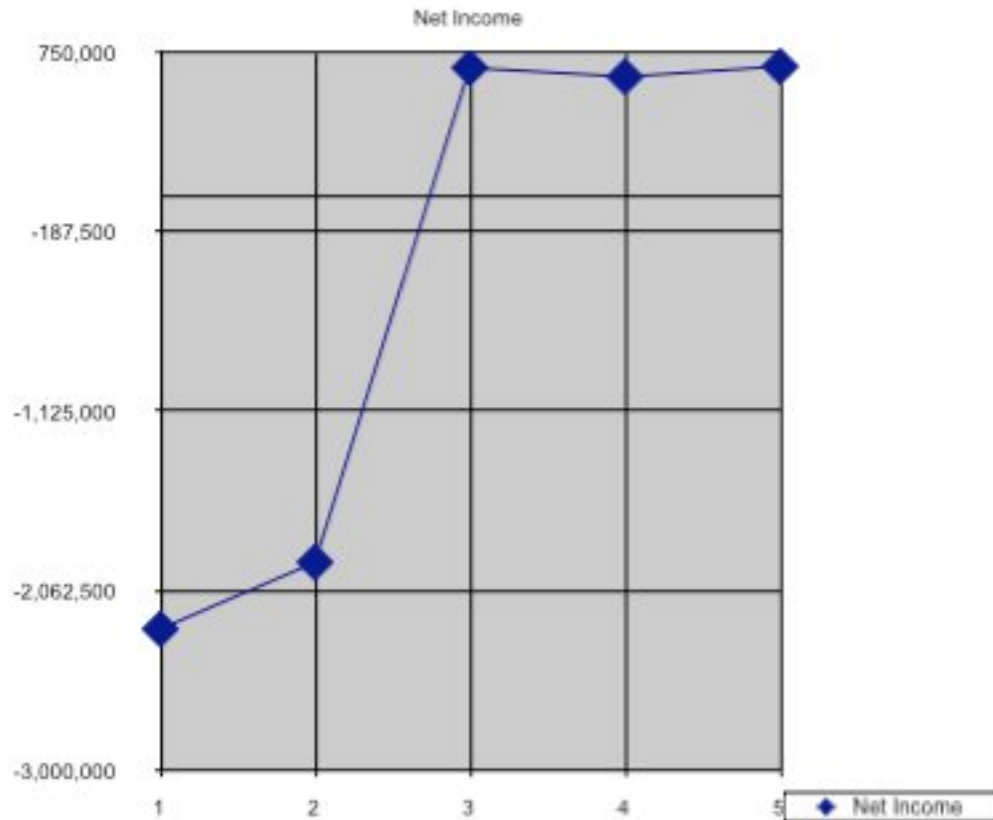
BALANCE SHEET	2007	2008	Projected 2009	Projected 2010	Projected 2011
ASSETS					
Surplus Funds			6180322	429084	0
Interest Rate %			5%	5%	5%
Interest Income			165235.15	10727.1	0
Cash	967797	1210836	1210836	1210836	1210836
As % of Revenue	0	0			
Cash	967797	1210836	1210836	1210836	1210836
Interest Rate			5.00%	5.00%	5.00%
Interest Income			60541.8	60541.8	60541.8
Other Current Assets	5000	179050			
As % of Revenue	0	0	5%	5%	5%
Other Current Assets	5000	179050	100000	110000	121000
Current Assets	972797	1389886	1310836	1320836	1331836
Net PPE	18487	65803			
Depreciation	1615	4783	17024.7065	12682.35631	9384.94367
Net PPE	18487	65803	48778.2935	36095.93719	26710.99352
Intangibles	7215	6962			
Ammortization			5	5	5
Intangibles	7215	6962	6957	6952	6947
Total Assets	998499	1462651	1366571.294	1363883.937	1365493.994
LIABILITIES					
Accounts Payable	334883	234375			
As % of Revenue	0	0			
Days of COGS	212.3138966	155.4626067	80	80	80
Accounts Payable	334883	234375	65753.42466	72328.76712	79561.64384
Other Current Liabilities	515000	278842			
As % of Revenues	0	0	5%	5%	5%
Other Current Liabilities	515000	278842	100000	110000	121000
Current Liabilities	849883	513217	165753.4247	182328.7671	200561.6438
Necessary to Finance	0	0	1035482.525	967822.3239	908333.9307
Interest Rate			2.00%	10.00%	10.00%
Interest Expense			10354.82525	100165.2425	93807.81273
Total Liabilities	1364883	792059	165753.4247	182328.7671	200561.6438

EQUITY

Common Stock	114069	119241	125203.05	131463.2025	138036.3626
Other Equity	6209269	1257098			
As % of Equity	0	0	3%	4%	5%
Other Equity	6209269	1257098	50200	88000	121000
Total SH Equity	6323338	1376339	175403.05	219463.2025	259036.3626
Total Liab & SH Equity	7688221	2168398	341156.4747	401791.9696	459598.0065



This is a graphical comparison of Cost of Goods and Services in relation to Gross Profit. It is readily apparent from the graph that in year 3 of the analysis Gross Profit significantly out measures Cost of Goods and Services; which contributes to a higher Net Income throughout the projections.



This graph represents the overall increase in NNVC's revenue year over year. As this represents the worst case scenario for the company, i.e. not securing a deal with a larger pharmaceutical company, this is projected to be the lowest level of Net Income for NNVC. With this said, NNVC experiences a 64% increase in Net Income from year 2 to year 3.

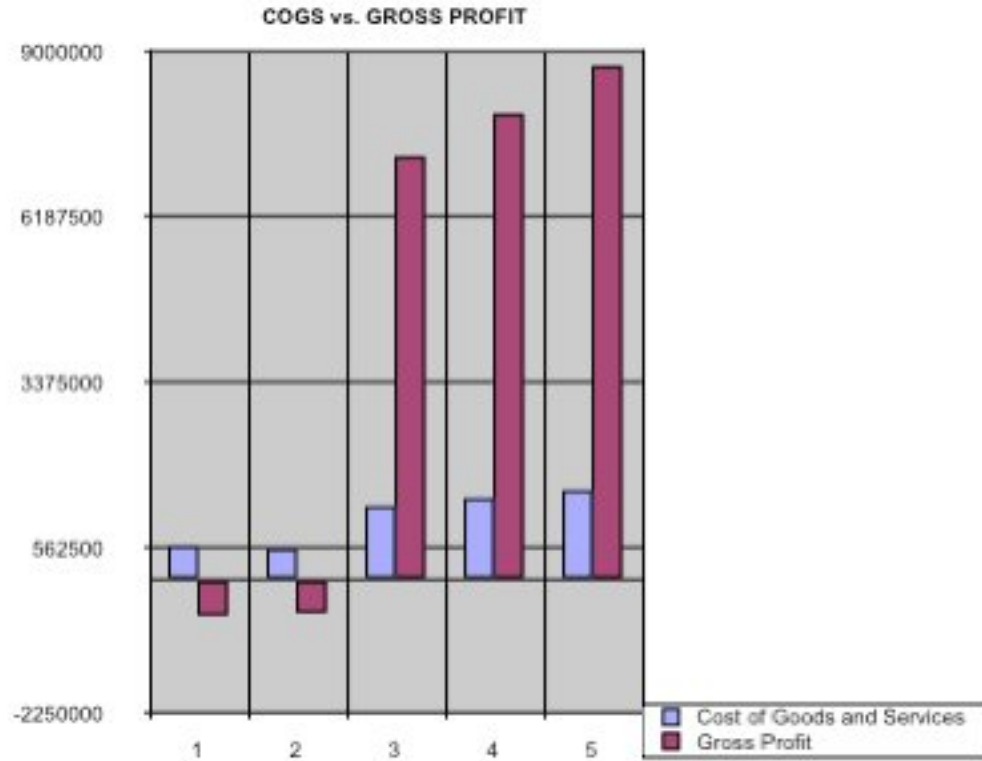
FINANCIAL MODEL #2, 1 PHARMACEUTICAL DEAL

INCOME STATEMENT	2007	2008	Projected 2009	Projected 2010	Projected 2011
Revenues	0	0	8500000		
Percent Growth Revenues	na	na	na	10.00%	10.00%
	0	0	8500000	9350000	10285000
COGS	575715	550273			
As % of Revenue	0	0	15%	15%	15%
COGS	575715	550273	1275000	1402500	1542750
GROSS PROFIT	-575715	-550273	7225000	7947500	8742250

Gross Margin	0	0	0.85	0.85	0.85
SGA	1732285	1408932			
As % of Revenues	0	0	15.00%	15.00%	15.00%
SGA	1732285	1408932	1275000	1402500	1542750
Operating Expenses	2308000	1793155			
As % of Revenues	0	0	30%	30%	30%
Operating Expenses	2308000	1793155	2550000	2805000	3085500
EBITDA	-2308000	-1959205	3400000	3740000	4114000
EBITDA Margin	0	0	0.4	0.4	0.4
Depreciation/Ammor	1615	4783			
As % of Net PPE	N/A	25.87223454	26%	26%	26%
As % of Revenue	0	0			
Depreciation/Ammor	1615	4783	17024.7065	12682.3563	9384.94367
EBIT	-2306385	-1954422	3382975	3727318	4104615
EBIT Margin	0	0	0.4	0.4	0.4
Interest Income	50937	47570			
Surplus Funds			165235.15	10727.1	0
Cash			60541.8	60541.8	60541.8
ST Investments			0	0	0
Interest Income	50937	47570	225776.95	71268.9	60541.8
EBT	-2255448	-1906852	3608752	3798587	4165157
EBT Margin	0	0	0.42455908	0.40626594	0.40497392
Provision for Taxes	0	0			
Tax Rate	0	0	33%	33%	33%
Provision for Taxes	0	0	1190888.24	1253533.55	1374501.76
Net Income	-2255448	-1906852	2417864	2545053	2790655
Net Margin	0	0	0.28445458	0.27219818	0.27133253

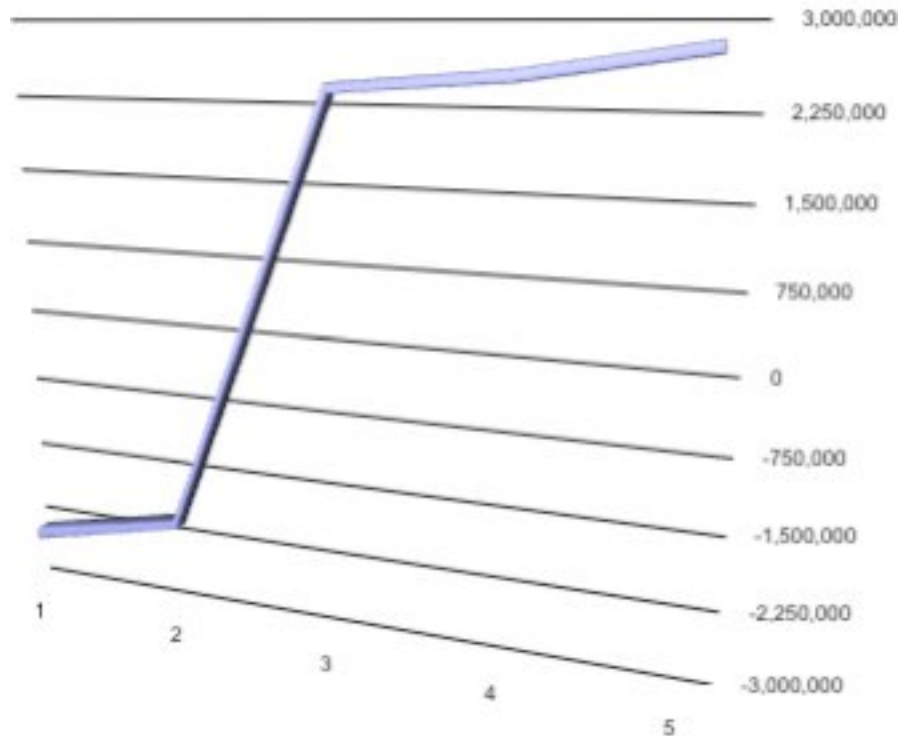
			Projected 2009	Projected 2010	Projected 2011
BALANCE SHEET	2007	2008			
ASSETS					
Surplus Funds			6180322	429084	0
Interest Rate %			5%	5%	5%
Interest Income			165235.15	10727.1	0
Cash	967797	1210836	1210836	1210836	1210836
As % of Revenue	0	0			
Cash	967797	1210836	1210836	1210836	1210836
Interest Rate			5.00%	5.00%	5.00%
Interest Income			60541.8	60541.8	60541.8
Other Current Assets	5000	179050			
As % of Revenue	0	0	5%	5%	5%

Other Current Assets	5000	179050	425000	467500	514250
Current Assets	972797	1389886	1635836	1678336	1725086
Net PPE	18487	65803			
Depreciation	1615	4783	17024.7065	12682.3563	9384.94367
Net PPE	18487	65803	48778.2935	36095.9371	26710.9935
Intangibles	7215	6962			
Ammortization			5	5	5
Intangibles	7215	6962	6957	6952	6947
Total Assets	998499	1462651	1691571.29	1721383.93	1758743.99
LIABILITIES					
Accounts Payable	334883	234375			
As % of Revenue	0	0			
Days of COGS	212.31389	155.4626067	80	80	80
Accounts Payable	334883	234375	279452.05	307397.26	338136.98
Other Current Liabilities	515000	278842			
As % of Revenues	0	0	5%	5%	5%
Other Current Liabilities	515000	278842	425000	467500	514250
Current Liabilities	849883	513217	704452.05	774897.26	852386.98
Necessary to Finance	0	0	658633.89	446753.83	256508.58
Interest Rate			2.00%	10.00%	10.00%
Interest Expense			6586.3389	55269.386	35163.120
Total Liabilities	1364883	792059	704452.05	774897.26	852386.98
EQUITY					
Common Stock	114069	119241	125203.05	131463.20	138036.36
Other Equity	6209269	1257098			
As % of Equity	0	0	3%	4%	5%
Other Equity	6209269	1257098	213350	374000	514250
Total SH Equity	6323338	1376339	338553.05	505463.20	652286.36
Total Liab & SH Equity	7688221	2168398	1043005.1	1280360.4	1504673.3



This graph shows the relationship between Cost of Goods and Services to Gross Profit in the event NanoViricides secures one pharmaceutical deal. The difference between COGS and Gross Profit in year 3 is also greater in this model than the first. Here NNVC experiences an astounding 1400% increase in Gross Profit from a deficit of 550,273 to a surplus of 7.2 million.

Net Income w/ 1 Pharma Deal



The above chart demonstrates the increase in Net Income experienced by NanoViricides only securing 1 Pharmaceutical deal. We can observe again the dramatic spike in Net Income after year 2, after which Net Income increases slightly over the next two years. In this model, Nanoviricides, experiences a 226% increase in Net Income with only 1 pharmaceutical deal.

FINANCIAL MODEL #3, TWO PHARMACEUTICAL DEALS

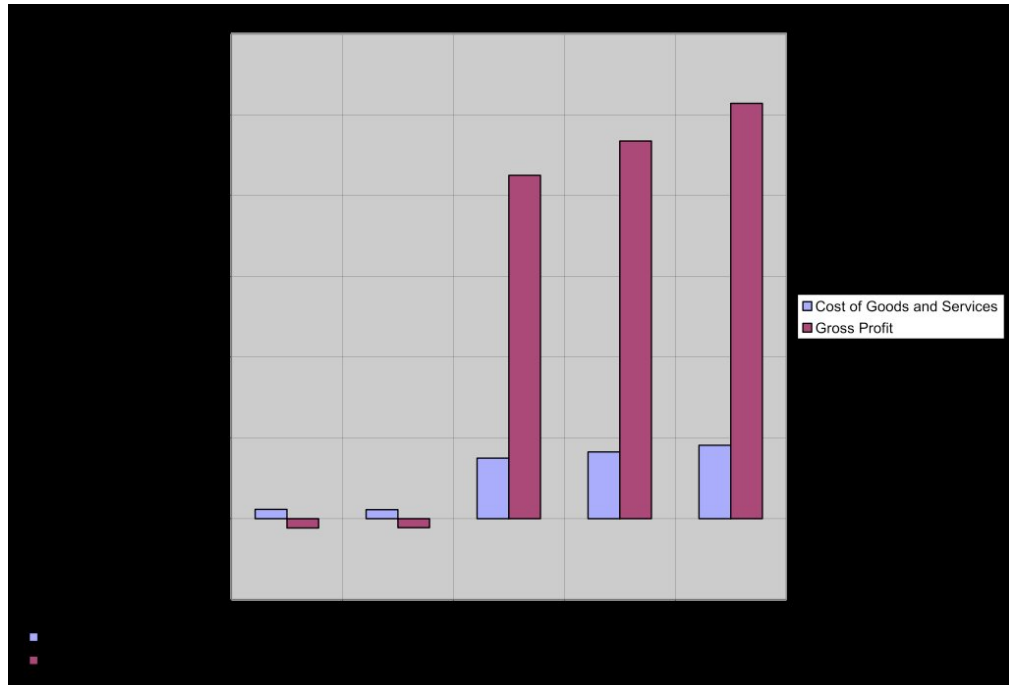
NANOVIRICIDES

INCOME STATEMENT	2007	2008	Projected 2009	Projected 2010	Projected 2011
Revenues	0	0	25000000		
Percent Growth	na	na		10.00%	10.00%
Revenues	0	0	25000000	27500000	30250000
COGS	575715	550273			

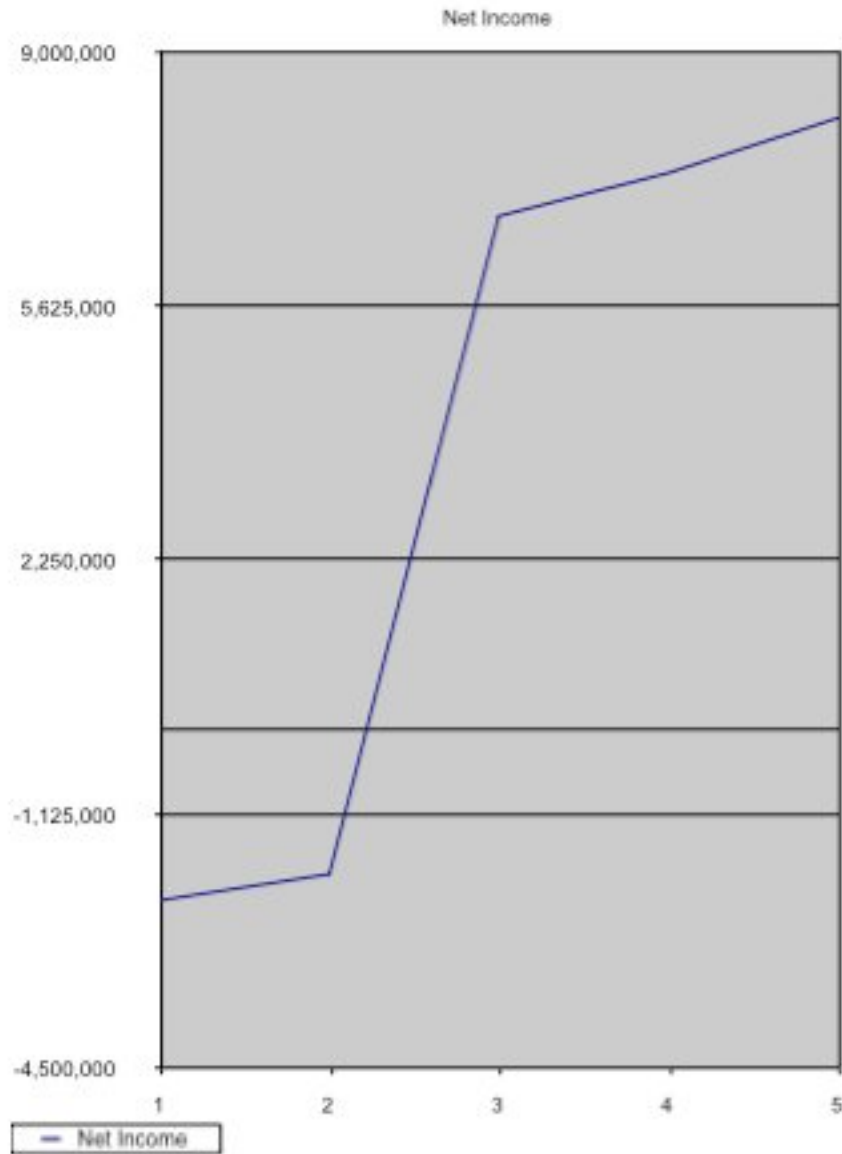
As % of Revenue	0	0	15%	15%	15%
COGS	575715	550273	3750000	4125000	4537500
GROSS PROFIT	-575715	-550273	21250000	23375000	25712500
Gross Margin	0	0	0.85	0.85	0.85
SGA	1732285	1408932			
As % of Revenues	0	0	15.00%	15.00%	15.00%
SGA	1732285	1408932	3750000	4125000	4537500
Operating Expenses	2308000	1793155			
As % of Revenues	0	0	30%	30%	30%
Operating Expenses	2308000	1793155	7500000	8250000	9075000
EBITDA	-2308000	-1959205	10000000	11000000	12100000
EBITDA Margin	0	0	0.4	0.4	0.4
Depreciation/Ammor	1615	4783			
As % of Net PPE	N/A	25.87223454	26%	26%	26%
As % of Revenue	0	0			
Depreciation/Ammor	1615	4783	17024.7065	12682.35631	9384.94367
EBIT	-2306385	-1954422	9982975	10987318	12090615
EBIT Margin	0	0	0.4	0.4	0.4
Interest Income	50937	47570			
Surplus Funds			165235.15	18176.64646	7449.546455
Cash			60541.8	60541.8	60541.8
ST Investments			0	0	0
Interest Income	50937	47570	225776.95	78718.44646	67991.34646
EBT	-2255448	-1906852	10208752	11066036	12158606
EBT Margin	0	0	0.40835009	0.402401312	0.401937402
Provision for Taxes	0	0			
Tax Rate	0	0	33%	33%	33%
Provision for Taxes	0	0	3368888.24	3651791.91	4012340.113
Net Income	-2255448	-1906852	6839864	7414244	8146266
Net Margin	0	0	0.27359456	0.269608879	0.269298059

	2007	2008	Projected 2009	Projected 2010	Projected 2011
BALANCE SHEET					
ASSETS					
Surplus Funds			6180322	429084	297981.8582
Interest Rate %			5%	5%	5%
Interest Income			165235.15	18176.64646	7449.546455
Cash	967797	1210836	1210836	1210836	1210836
As % of Revenue	0	0			
Cash	967797	1210836	1210836	1210836	1210836
Interest Rate			5.00%	5.00%	5.00%
Interest Income			60541.8	60541.8	60541.8

Other Current Assets	5000	179050			
As % of Revenue	0	0	5%	5%	5%
Other Current Assets	5000	179050	1250000	1375000	1512500
Current Assets	972797	1389886	2460836	2585836	2723336
Net PPE	18487	65803			
Depreciation	1615	4783	17024.7065	12682.35631	9384.94367
Net PPE	18487	65803	48778.2935	36095.93719	26710.99352
Intangibles	7215	6962			
Ammortization			5	5	5
Intangibles	7215	6962	6957	6952	6947
Total Assets	998499	1462651	2516571.294	2628883.937	2756993.994
LIABILITIES					
Accounts Payable	334883	234375			
As % of Revenue	0	0			
Days of COGS	212.3138966	155.4626067	80	80	80
Accounts Payable	334883	234375	821917.8082	904109.589	994520.5479
Other Current Liabilities	515000	278842			
As % of Revenues	0	0	5%	5%	5%
Other Current Liabilities	515000	278842	1250000	1375000	1512500
Current Liabilities	849883	513217	2071917.808	2279109.589	2507020.548
Necessary to Finance	0	0	0	0	0
Interest Rate			2.00%	10.00%	10.00%
Interest Expense			0	0	0
Total Liabilities	1364883	792059	2071917.808	2279109.589	2507020.548
EQUITY					
Common Stock	114069	119241	125203.05	131463.2025	138036.3626
Other Equity	6209269	1257098			
As % of Equity	0	0	3%	4%	5%
Other Equity	6209269	1257098	627500	1100000	1512500
Total SH Equity	6323338	1376339	752703.05	1231463.203	1650536.363
Total Liab & SH Equity	7688221	2168398	2824620.858	3510572.792	4157556.911



This chart represents the relationship between Cost of Goods and Services and Gross Profit based on the assumptions for this model. As we can see, Gross Profit grows exponentially during year 3 in relations to the Gross Profits in year 2. In years, 4 and 5 we see gradual yet steady increase in the Gross Profit margin relatively. Cost of Goods and Services appear to grow at much smaller increments during the same time frame.



This is a graphical representation of the increase in Net Income experienced by NanoViricides with the securing of two pharmaceutical deals comprised of up-front payments and periodic milestone payments as well.

TECHNICAL ANALYSIS OF NANOVIRICIDES, INC



The first place to begin a comprehensive technical analysis is by examining the candlestick chart of the company's stock. NNVC has been trading above all of its moving averages (5, 13, 20 and 50 day Exponential Moving Average). This indicates a bullish trading pattern and this pattern is confirmed when examining the candlesticks more closely. Looking closely at the NNVC chart we can see that for the most part of the month of May, the "real bodies" in the candlesticks are white, indicating a strong bullish trading pattern. "Real bodies" are defined as the rectangular section of the candlestick, in a sense they are the "stick" of the candle. The longer the real body is the stronger the trading indication. Likewise, if the real bodies are white this indicates the bulls are in control of the stock and conversely if the real bodies are red or black, this indicates the bears are doing the majority of trading. As the chart indicates the majority of the month of May and the first part of June, the bulls have had a firm grasp on NNVC.

Also, NNVC has formed a chart pattern referred to as a “Cup and Handle” pattern. Generally, when a security has formed this type of trading pattern this indicates a bullish trend coming out of the “handle” portion. As we can see the entire month of May NNVC formed the cup and now, in the first part of June it has entered into the “handle”. This indicates NNVC could be entering a strong bullish trading pattern. Evidence of this pattern can already be seen in the intra-day chart for June 17, 2008. This chart is shown below.



The “handle” of the cup/handle pattern reaches until June 16 2008. The following trading day, June 17, 2008, NNVC hit and closed at a new 52-week high of \$1.52 a share on roughly 640,000 shares traded. Although this is only one indication, it may suggest that NNVC is entering a bullish trend after exiting its most recent chart pattern. Further trading sessions will be examined closely to determine if NNVC remains in a bullish trend, there will be natural profit taking; however, the technical indications are NNVC will be in a long term bullish pattern. Furthermore this is evidence to suggest that NNVC has “broken out” of its previous resistance level of \$1.52; this is supported further by the increased level of volume exhibited in recent trading sessions. Although NNVC has engaged in some recent selling, BCG firmly believes this is due to the overall market condition and does not indicate from a technical standpoint a major trend reversal. Despite the drop in NNVC, BCG maintains its position that NNVC is engaged in a large, overall bullish trading pattern.

EXPONENTIAL MOVING AVERAGE

The EMA applies weighting factors which decrease exponentially. The weighting for each older data point decreases exponentially, giving much more importance to the newer data points without disregarding the older ones. EMA's will give bullish signals when trading above trailing EMA's and below the current price and vice versa. Observing the chart for NNVC reveals NNVC is trading above all major moving averages. This indicates the stock is in a strong bullish trading pattern and may remain there for another moving average period.

In NNVC's chart the EMA's are represented by the colored lines following the stocks trading pattern in the candle stick chart. There we can observe that all the EMA's are trading below the current price, therefore confirming the analysis that EMA's demonstrate a very bullish trading pattern. The EMA is calculated by utilizing the following formula:

Current Price-Previous EMA * Multiplier + Previous EMA

In this case the multiplier was $2/(N+1)$ where N= the number of periods, i.e. 5,13,20,50.

MACD

Moving Average Convergence Divergence (MACD) analysis measures the frequency by which the moving averages come together or move apart. The 12 period moving average is generally classified as the "fast" moving average; while the 26 period is considered the "slow" moving average. Each bar on the histogram represents the individual differences between the two MACD lines. The "Zero line" represents the trade line. Therefore if the MACD lines cross the zero line upward, this indicates a bullish trend; conversely, when the MACD lines cross the zero line downward this is indicative of a bearish trend. The relative difference between these two MACD lines forms the histogram seen on the zero line. This is a good indicator of the trend of a security.

Looking at the MACD lines from the NNVC chart we can observe the MACD lines crossed over the zero line in positive territory in early February 2008. This coincides with the development of the bullish trading pattern evident on the NNVC chart. The MACD lines have been above the zero line since early February. When the MACD lines broke positive, NNVC was trading at

approximately \$0.40 a share on this volume. At the close of trading on June 18, 2008 NNVC closed at \$1.66 on 561K shares traded. NNVC closed above its new 52 week high—further suggesting the long term bullish trend. Additionally, NNVC has experienced a 315% increase in stock price since the MACD lines broke positive in early February.

In early May of '08, the MACD rose to their highest levels since early 2006. In early May, the MACD broke decidedly positive with the “fast-line” rising to 0.16. This coincided with a major uptrend in both price and overall volume in NNVC stock. Furthermore, this also signaled the entry of NNVC into the “cup and handle” chart pattern previously analyzed. The behavior of the MACD lines coupled with the previous trading activity seems to suggest that NNVC has entered or will be entering a bullish trading pattern.

RELATIVE STRENGTH INDEX (RSI)

The RSI is a technical indicator used to measure the magnitude of recent gains over a given period of time to determine whether a particular security is either overbought or oversold. RSI ranges from 0 to 100. An asset is designated overbought when its RSI reaches 70 or higher. Conversely, an asset is said to be oversold when its RSI reaches 30.

Relative Strength is calculated using a sophisticated statistical formula taking into account the exponential moving averages of a given period on up days vs. ema's of a given period for down days. The formula is represented as follows:

$RS = \frac{EMA[N] \text{ of Up-days}}{EMA[N] \text{ of Down-days}}$

In this representation, N is the smoothing factor used in calculations in order to adjust for the relative weights used in calculating the EMA's. In this particular instance, N was calculated at 27 or using its α equivalent, 1/14. The smoothing factor reflects the Relative Strength calculated over a period of 14 days. The formula used in calculating the RSI is as follows:

$RSI = 100 - (100 * 1 / (1 + RS))$

After running the NNVC data through the formulas, NNVC's RSI was determined to be 68.04, as we display in the chart above. This RSI is trading very closely to the overbought mark. Normally this would trigger a “sell” indication but there is another factor which may prolong the triggering of this indication. NNVC has continuously released good scientific data (i.e. the press release dated June 16, 2008 describing their latest HIV test results)

which in turn places buying pressure on the stock. Therefore, the RSI will technically show NNVC is venturing into overbought territory; however it is unlikely the RSI will trigger a trend reversal.

STOCHASTIC OSCILLATOR ANALYSIS

A Stochastic Oscillator is a momentum indicator to compare the closing price of a commodity to its price range over a given time span. The theory behind this analysis is that prices tend to close near past highs in a bull market and near their lows in bear markets. The two indicators utilized are %K (fast) and %D (slow) in order to analyze the speed with which prices are changing. The formula employed for %K is as follows:

$$\frac{\%K = CP - L14}{H14 - L14}$$

This quantity is then multiplied by a factor of 100. %D is calculated by deriving the Simple Moving Average of %K across three (3) periods. The crossing of %K and %D signals a pattern similar to MACD. %K crossing %D in an upward manner is a bullish indicator, and the crossing of %D in a downward manner is a bearish indicator. In high volatility situations (i.e. when a stock is favored by day traders), the SMA of %D can smooth out the oscillation curve. Also, Stoch Analysis is key during overbought or oversold periods.

For NNVC, the Stoch Analysis demonstrates the security is hovering in the high 70's. (See Chart for Stoch Analysis). Both the %K and %D are showing signs NNVC may be nearing the peak of its bullish trend. Furthermore, %K is 79.59, while %D is 73.70; this further indicates NNVC may be reaching a critical overbought price point; however further analysis will be needed to confirm these trends. Similar to the RSI analysis, the Stochastic's on NNVC are purely academic at this point. The release of further scientific data will drive the price and volume higher as well as the Stochastic Oscillator. Although the oscillator will indicate NNVC has entered into overbought territory, it is unlikely this indicator will cause a trend reversal.

RECOMMENDATION AND PRICE TARGET

RECOMMENDATION: BUY

12-MONTH PRICE TRAGET: \$4/ SHARE