

Oramed Pharmaceuticals, Inc. (ORMP)
Rating: Buy

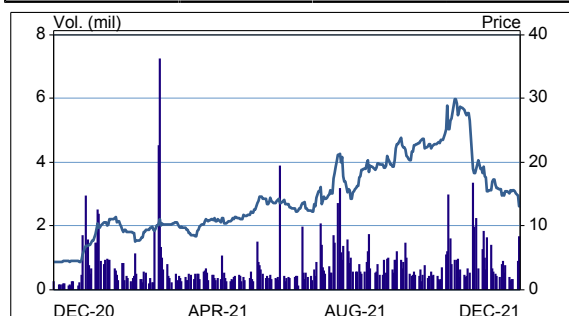
 Raghuram Selvaraju, Ph.D.
 212-916-3966
rselvaraju@hcwresearch.com
Co-operation and Purchase Agreement With Vietnam-Based Firm; Reiterate Buy

Stock Data		12/29/2021		
Price		\$13.10		
Exchange		NASDAQ		
Price Target		\$32.00		
52-Week High		\$31.54		
52-Week Low		\$4.12		
Enterprise Value (M)		\$369		
Market Cap (M)		\$494		
Public Market Float (M)		36.7		
Shares Outstanding (M)		38.1		
3 Month Avg Volume		808,493		
Short Interest (M)		2.01		
Balance Sheet Metrics				
Cash (M)		\$125.8		
Total Debt (M)		\$0.0		
Total Cash/Share		\$3.30		
Book Value/Share		\$3.28		
EPS (\$) Diluted				
Full Year - Aug		2021A	2022E	2023E
1Q		(0.23)	(0.20)	(0.32)
2Q		(0.17)	(0.23)	(0.35)
3Q		(0.17)	(0.26)	(0.38)
4Q		(0.22)	(0.29)	(0.35)
FY		(0.81)	(0.98)	(1.41)
Revenue (\$M)				
Full Year - Aug		2021A	2022E	2023E
1Q		0.7	0.7	0.8
2Q		0.7	0.7	0.8
3Q		0.7	0.7	0.8
4Q		0.7	0.7	0.8
FY		2.7	2.8	3.2

Oral COVID-19 vaccine Vietnamese pre-purchase. In a press release yesterday, Oramed announced that its subsidiary, Oravax Medical, has signed a co-operation and purchase agreement with the Vietnam-based Tan Thanh Holdings Investment Joint Stock Company to pre-purchase Oravax's oral COVID-19 vaccine, which is currently in clinical development. The agreement grants Tan Thanh Holdings the right to sell Oravax's oral vaccine in development throughout the Association of Southeast Asian Nations (ASEAN), which includes Vietnam, Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore and Thailand. The agreement is for an initial pre-order of 10M doses of oral COVID-19 vaccines from Oravax and comprises milestone payments. The parties have agreed to negotiate follow-on orders, which are potentially worth hundreds of millions of dollars. Tan Thanh Holdings, which operates one of the fastest growing pharmaceutical businesses in the ASEAN region, has received approval from Vietnam's Ministry of Health to conduct advanced stage clinical trials of Oravax's oral COVID-19 vaccine and will contribute to the funding and implementation of clinical development and regulatory approval. In the wake of this announcement, which we consider particularly encouraging given Vietnam's proactive stance on the COVID-19 pandemic, we reiterate our Buy rating and 12-month price target of \$32 per share.

COVID-19 vaccine could prove disruptive in the context of a continuing pandemic threat. We remind investors that Oravax's VLP vaccine technology targets three SARS-CoV-2 coronavirus surface proteins, including proteins less susceptible to mutation, thus making the vaccine potentially more effective against current and future variants of the COVID-19 virus. Oravax's VLP vaccine technology is highly scalable and easily transferable. In a pilot animal study, the oral COVID-19 vaccine promoted systemic immunity through both Immunoglobulin G (IgG), the most common antibody in blood and bodily fluids that protects against viral infections, and Immunoglobulin A (IgA). Commercialization of widely-used messenger RNA (mRNA)-based vaccines such as Spikevax from Moderna (MRNA; not rated) and COMIRNATY from Pfizer (PFE; not rated) and BioNTech SE (BNTX; Buy; Burns) has not succeeded in eradicating COVID-19. Furthermore, vaccination rates in various emerging countries are tiny fractions of the vaccination rates that have been achieved in developed nations. Some African nations have vaccination rates below 4%. The advent of novel variant strains of SARS-CoV-2, such as Delta and the heavily mutated Omicron, which emerged in South Africa only a few weeks ago but already accounts for the majority of new infections in the U.S., illustrate the continuing perils of the pandemic.

Significant commercial potential remains, given low vaccination rates in emerging countries and persistent infection outbreaks. A total of over 285M people globally have been infected with SARS-CoV-2, according to official statistics, while more than 5.4M people have been recorded as having died due to the disease since the pandemic began. Epidemiologists around the world consider these numbers to considerably underestimate the scope and scale of the public health disaster. The total COVID-19 vaccine market could approach \$100B in 2022, in our view. Vaccination rates in emerging countries—particularly in Africa—lag considerably behind the rest of the world (below 5% in certain territories vs. >70% in various developed nations).



H.C. Wainwright 1868



Valuation methodology, risks and uncertainties. Factoring in a 12% discount rate, a 75% probability of approval for ORMD-0801, and peak annual sales of \$2.6B (on which we project double-digit percentage royalties), we derive a total risk-adjusted net present value (rNPV) of \$800M for this candidate within the diabetes indication alone. We add to this the value from ORMD-0801 in the non-alcoholic steatohepatitis (NASH) indication, to which we ascribe an rNPV of \$50M, as well as our anticipated value for Oramed's pipeline, mainly ORMD-0901 and the Oravax program (total value of \$250M), to derive a total enterprise value of approximately \$1.2B. This yields a price objective of \$32.00 per share, assuming net cash of \$154M—resulting in a total firm value of \$1.3B—and roughly 40M fully-diluted shares outstanding as of end-F2022. Risks include, but are not limited to: (1) delays in pivotal testing of ORMD-0801; (2) adverse results from future clinical trials; (3) negative regulatory actions; and (4) medium to long-term dilution risk.

Table 1: Oramed Pharmaceuticals, Inc. (ORMP)—Historical Income Statements, Financial Projections

FY end August 31

\$ in thousands, except per share data

	2021A				2021A	2022E				2022E	2023E
	1QA	2QA	3QA	4QA		1QE	2QE	3QE	4QE		
Revenue											
Product revenue	-	-	-	-	-	-	-	-	-	-	-
Research and other	674	665	681	683	2,703	700	700	700	700	2,800	3,200
Total revenue	674	665	681	683	2,703	700	700	700	700	2,800	3,200
Expenses											
Cost of product and service revenue	-	-	-	-	-	-	-	-	-	-	-
Research & development	5,774	3,869	5,502	5,844	20,989	6,000	7,000	8,000	9,000	30,000	43,000
Selling and marketing	-	-	-	-	-	-	-	-	-	-	-
General and administrative	727	1,664	1,297	2,249	5,937	2,300	2,500	2,800	3,000	10,600	15,000
Total expenses	6,501	5,533	6,799	8,093	26,926	8,300	9,500	10,800	12,000	40,600	58,000
Gain (loss) from operations	(5,827)	(4,868)	(6,118)	(7,410)	(24,223)	(7,600)	(8,800)	(10,100)	(11,300)	(37,800)	(54,800)
Other income/expense											
Financial income	257	260	493	232	1,242	160	140	300	260	860	860
Financial expense	-	-	-	(8)	(8)	-	-	-	-	-	-
Impairment of available-for-sale securities	-	-	-	-	-	-	-	-	-	-	-
Total investment income and other	257	260	493	224	1,234	160	140	300	260	860	860
Loss before provision for income taxes	(5,570)	(4,608)	(5,625)	(7,186)	(22,989)	(7,440)	(8,660)	(9,800)	(11,040)	(36,940)	(53,940)
Deferred income tax benefit	-	-	-	-	-	-	-	-	-	-	-
Net loss attributable to non-controlling interests	-	-	418	333	751	500	500	500	500	2,000	3,200
Net loss/income	(5,570)	(4,608)	(5,207)	(7,186)	(22,989)	(7,440)	(8,660)	(9,800)	(11,040)	(36,940)	(53,940)
Net loss per share (basic)	(0.23)	(0.17)	(0.17)	(0.22)	(0.81)	(0.20)	(0.23)	(0.26)	(0.29)	(0.98)	(1.41)
Net loss per share (diluted)	(0.23)	(0.17)	(0.17)	(0.22)	(0.81)	(0.20)	(0.23)	(0.26)	(0.29)	(0.98)	(1.41)
Weighted average number of shares outstanding (basic)	23,746	27,004	29,930	33,196	28,469	36,690	38,111	38,161	38,211	37,793	38,336
Weighted average number of shares outstanding (diluted)	23,746	27,004	29,930	33,196	28,469	36,690	38,111	38,161	38,211	37,793	38,336

Source: Company reports and H.C. Wainwright & Co. estimates.

Important Disclaimers

This material is confidential and intended for use by Institutional Accounts as defined in FINRA Rule 4512(c). It may also be privileged or otherwise protected by work product immunity or other legal rules. If you have received it by mistake, please let us know by e-mail reply to unsubscribe@hcwresearch.com and delete it from your system; you may not copy this message or disclose its contents to anyone. The integrity and security of this message cannot be guaranteed on the Internet.

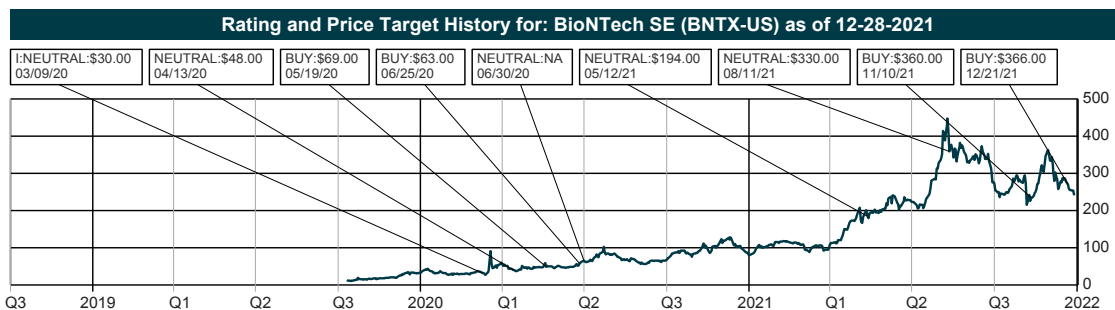
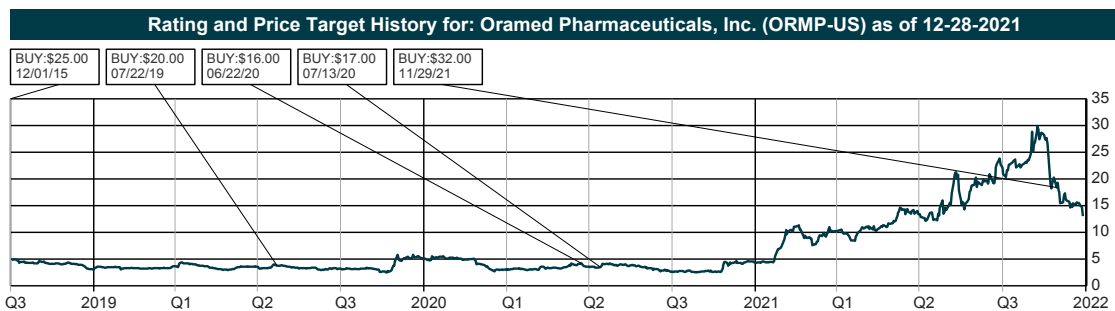
H.C. WAINWRIGHT & CO, LLC RATING SYSTEM: H.C. Wainwright employs a three tier rating system for evaluating both the potential return and risk associated with owning common equity shares of rated firms. The expected return of any given equity is measured on a RELATIVE basis of other companies in the same sector. The price objective is calculated to estimate the potential movements in price that a given equity could reach provided certain targets are met over a defined time horizon. Price objectives are subject to external factors including industry events and market volatility.

RETURN ASSESSMENT

Market Outperform (Buy): The common stock of the company is expected to outperform a passive index comprised of all the common stock of companies within the same sector.

Market Perform (Neutral): The common stock of the company is expected to mimic the performance of a passive index comprised of all the common stock of companies within the same sector.

Market Underperform (Sell): The common stock of the company is expected to underperform a passive index comprised of all the common stock of companies within the same sector.



Related Companies Mentioned in this Report as of Dec/29/2021

Company	Ticker	H.C. Wainwright Rating	12 Month Price Target	Price	Market Cap
BioNTech SE	BNTX	Buy	\$366.00	\$241.40	\$58112

Investment Banking Services include, but are not limited to, acting as a manager/co-manager in the underwriting or placement of securities, acting as financial advisor, and/or providing corporate finance or capital markets-related services to a company or one of its affiliates or subsidiaries within the past 12 months.

Distribution of Ratings Table as of December 29, 2021				
Ratings	Count	Percent	IB Service/Past 12 Months	
			Count	Percent
Buy	578	91.46%	205	35.47%
Neutral	50	7.91%	13	26.00%
Sell	1	0.16%	0	0.00%
Under Review	3	0.47%	1	33.33%

H.C. Wainwright & Co, LLC (the "Firm") is a member of FINRA and SIPC and a registered U.S. Broker-Dealer.

I, Raghuram Selvaraju, Ph.D. , certify that 1) all of the views expressed in this report accurately reflect my personal views about any and all subject securities or issuers discussed; and 2) no part of my compensation was, is, or will be directly or indirectly related to the specific recommendation or views expressed in this research report; and 3) neither myself nor any members of my household is an officer, director or advisory board member of these companies.

A research analyst of the firm and/or the research analyst's household has a financial interest in and own the securities of BioNTech SE (including, without limitation, any option, right, warrant, future, long or short position).

As of November 30, 2021 neither the Firm nor its affiliates beneficially own 1% or more of any class of common equity securities of BioNTech SE.

Neither the research analyst nor the Firm knows or has reason to know of any other material conflict of interest at the time of publication of this research report.

None of the research analysts or the research analyst's household has a financial interest in the securities of Oramed Pharmaceuticals, Inc. (including, without limitation, any option, right, warrant, future, long or short position).

As of October 31, 2021 neither the Firm nor its affiliates beneficially own 1% or more of any class of common equity securities of Oramed Pharmaceuticals, Inc.. Affiliates of H.C. Wainwright beneficially own 1% or more of the common equity securities of Oravax Medical Inc., a joint-venture that is majority-owned by Oramed Pharmaceuticals Inc.

Neither the research analyst nor the Firm knows or has reason to know of any other material conflict of interest at the time of publication of this research report.

The research analyst principally responsible for preparation of the report does not receive compensation that is based upon any specific investment banking services or transaction but is compensated based on factors including total revenue and profitability of the Firm, a substantial portion of which is derived from investment banking services.

The firm or its affiliates received compensation from Oramed Pharmaceuticals, Inc. for non-investment banking services in the previous 12 months.

The Firm or its affiliates did not receive compensation from BioNTech SE for investment banking services within twelve months before, but will seek compensation from the companies mentioned in this report for investment banking services within three months following publication of the research report.

The Firm or its affiliates did receive compensation from Oramed Pharmaceuticals, Inc. for investment banking services within twelve months before, and will seek compensation from the companies mentioned in this report for investment banking services within three months following publication of the research report.

H.C. Wainwright & Co., LLC managed or co-managed a public offering of securities for Oramed Pharmaceuticals, Inc. during the past 12 months.

The Firm does not make a market in Oramed Pharmaceuticals, Inc. and BioNTech SE as of the date of this research report.

The securities of the company discussed in this report may be unsuitable for investors depending on their specific investment objectives and financial position. Past performance is no guarantee of future results. This report is offered for informational purposes only, and does not constitute an offer or solicitation to buy or sell any securities discussed herein in any jurisdiction where such would be prohibited. This research report is not intended to provide tax advice or to be used to provide tax advice to any person. Electronic versions of H.C. Wainwright & Co., LLC research reports are made available to all clients simultaneously. No part of this report may be reproduced in any form without the expressed permission of H.C. Wainwright & Co., LLC. Additional information available upon request.

H.C. Wainwright & Co., LLC does not provide individually tailored investment advice in research reports. This research report is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of any specific person. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this research report.

H.C. Wainwright & Co., LLC's and its affiliates' salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies that reflect opinions that are contrary to the opinions expressed in this research report.

H.C. Wainwright & Co., LLC and its affiliates, officers, directors, and employees, excluding its analysts, will from time to time have long or short positions in, act as principal in, and buy or sell, the securities or derivatives (including options and warrants) thereof of covered companies referred to in this research report.

The information contained herein is based on sources which we believe to be reliable but is not guaranteed by us as being accurate and does not purport to be a complete statement or summary of the available data on the company, industry or security discussed in the report. All opinions and estimates included in this report constitute the analyst's judgment as of the date of this report and are subject to change without notice.

Securities and other financial instruments discussed in this research report: may lose value; are not insured by the Federal Deposit Insurance Corporation; and are subject to investment risks, including possible loss of the principal amount invested.