

Action Summary - 6 December 2021

Analyst Theodore R. O'Neill - Better than expected 3Q21 - Reiterate Buy and \$4 PT

- OTLC reported a better-than-expected 3Q21. It reported an EPS loss of \$0.00 on no revenue versus our EPS and revenue estimates of a loss of \$0.01, on no revenue. There is no consensus. The \$0.00 favorable EPS variance was due to lower operating expenses.
- New Phase II with Keytruda®. Subsequent to the end of the quarter, the company announced it had submitted a clinical study protocol to the FDA for the initiation of a Phase 2 trial for its OT-101 with Keytruda as a treatment for malignant pleural mesothelioma (MPM)
- The OT-101-ONC program has been moving forward steadily through strategic alliances with top pharmaceutical companies. Of note is the biomarker program spanning mesothelioma, glioblastoma, lung and colorectal cancers, where Al driven transcriptome analyses will be used to derive the predictive biomarker for TGF-β therapeutics such as OT-101.
- We have adjusted our estimates to assume no further revenue until 3Q22. As a result, our 2021 revenue is now \$0 versus \$500K before. For 2022, our revenue estimate is now \$1.5MM, down from \$10MM. 2021 EPS is unchanged but for 2022, our EPS estimate drops to a loss of \$0.02 from a gain of \$0.01.
- Attractive valuation. The shares appear to us inexpensive on discounted future earnings. Relative to its peers, if the shares were to trade to our price target it would have a valuation premium to its peers, but it would not exceed the high end of the existing range.

Shares outstanding: 372 million Insider ownership: 45% 3-mo avg. trading volume: 196,251 Dividend/Yield: NA/NA GAAP estimates (EPS in dollars − Revenue in thousands) Period EPS Revenue Op Margin • 2020A • \$494 1Q20A \$(0.05) \$341 NMF • 2021E • \$453 2Q20A \$(0.02) \$0 NMF • 2022E • \$178 4Q20A \$(0.04) \$0 NMF • 2020A • \$4,401 1Q21A \$(0.01) \$0 NMF • 2021E • \$6,000 1Q21A \$(0.00) \$0 NMF • 2022E • \$8,000 4Q21E \$(0.01) \$0 NMF • 2022E • \$8,000 1Q22E \$(0.04) \$0 NMF • 2020A • \$9,413 1Q22E \$(0.00) \$0 NMF • 2020A • (\$9,413) 1Q22E \$(0.00) \$0 NMF • 2021E • (\$10.544) 2Q22E \$(0.00) \$500 NMF • 2022E • (\$6,310)		12/3 Closing price: \$0.17 M		Market cap: \$63 million	20	022 P/E: NMF	:	2022 EV / Sales:45	
Period EPS Revenue Op Margin 1Q20A \$(0.05) \$341 NMF 2Q20A \$ 0.01 \$1,400 NMF 3Q20A \$(0.02) \$0 NMF 4Q20A \$(0.04) \$0 NMF FY20A \$(0.11) \$1,741 NMF 1Q21A \$(0.03) \$0 NMF 2Q21A \$(0.01) \$0 NMF 4Q21E \$(0.00) \$0 NMF 4Q21E \$(0.04) \$0 NMF FY21E \$(0.04) \$0 NMF 1Q22E \$(0.00) \$0 NMF 2Q22E \$(0.00) \$0 NMF 2Q22E \$(0.00) \$0 NMF 3Q22E \$(0.00) \$500 NMF NMF \$0 \$0			Insider ownership: 45%	nsider ownership: 45% 3-mo avg. tradin			dend/Yield: NA/NA		
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3Q22E \$(0.00) \$500 NMF		*	, ,	· ·		• 2	2021E	• (\$10.544)	
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FY22E \$(0.02) \$1,500 NMF									
	No								
· · · · · · · · · · · · · · · · · · ·	Note: Numbers may not add due to rounding. See our full model in the back of this report.								

Risks/Valuation

- · Risks include: limited resources; highly regulated and competitive industry; commercialization of technology.
- Our \$4 target is derived using a discounted future earnings model.

Company description: Oncotelic is a cancer immunotherapy company dedicated to the development of first in class self-immunization protocol ("*SIP*TM") candidates for difficult to treat cancers.



Figure 1 – Oncotelic Therapeutics, Inc. – One-year Trading snapshot

Source: FactSet

Valuation Methodology

We believe OTLC is undervalued and we support that belief with two valuation techniques, both of which generate approximately the same figure: \$4.00. For the purposes of determining our price target we use a discounted future earnings model. For the purpose of confirming our price target we look at comparable company valuations:

- 1) The discounted value of all future earnings was used for our price target (see Figure 2)
- 2) Valuation relative to peers (see Figure 3)

Discounted Future Earnings - Basis for Price Target

Our 12-month price target of \$4.00 is based on a discounted future earnings model (Figure 2). For the purposes of deriving an earnings-based price target, we assume the company incurs losses until 2023 and we take, what we think is a very conservative approach to earnings growth. The model sums up all earnings per share, discounted at 15% to arrive at a per share valuation. Note, this model understates future novel product developments, probably understates the tax benefits, but offsetting that, the earnings never have a down year. The implied share price is \$3.56 which we round up to \$4.00.



Figure 2 – Oncotelic Therapeutics, Inc. – Discounted Earnings Valuation

Discount	\$3.56	
Year	EPS	Discounted EPS
2021	(0.03)	(0.03)
2022	(0.02)	(0.01)
2023	0.20	0.15
2024	0.30	0.20
2025	0.40	0.23
	Terminal Value:	1.90

Source: Litchfield Hills Research LLC

Valuation Relative to Peers

Here we are using multiples of book and multiple of sales because the company is not yet profitable. The shares sell at a premium to peers (Figure 3) ranging from 5% to 77%. If the shares were to trade to our price target it would have a valuation premium to its peers exceeding the high end of the existing range. Comparables can be found in Figure 5.

Figure 3 –Oncotelic Therapeutics, Inc. – Summary Comps to Peers

	2022 Sales Multiple	2022 EV / Sales
Average	39.80	26.24
OTLC	41.76	46.51
Premium to peers	5%	77%

Source: Litchfield Hills Research LLC and Refinitiv Eikon

Guidance and Financial Forecasts

The company provides no guidance. Our financial forecast makes many assumptions in order to determine a valuation. We have tried to be as conservative as possible, but the nature of this particular business is that if it can get very profitable very quickly. If the products are accepted and priced as the company hopes, we believe our model may turn out to be conservative in terms of earnings growth. We are projecting that the company will need to raise capital in the next 12-24 months.



Quarterly Results

As shown in Figure 4 (below), OTLC reported a better-than-expected 3Q21. It reported an EPS loss of \$0.00 on no revenue versus our EPS and revenue estimates of a loss of \$0.01, on no revenue. There is no consensus. The \$0.00 favorable EPS variance was due to lower operating expenses.

Figure 4 Oncotelic Therapeutics, Inc. – Variance Analysis (\$ in thousands except per share)

			Better/(worse)
	0004	0004	than forecast
	2021	2021	
Income Statement	<u>Q3E</u>	<u>Q3A</u>	
Income Statement			4
Total Revenue	\$0.0	\$0.0	\$0.0
Total cost of revenue	0.0	<u>0.0</u>	<u>0.0</u>
Total Gross Profit	0.0	0.0	0.0
Operating expenses:			
SG&A	1,500.0	621.9	878.1
R&D	800.0	1,187.0	(387.0)
Total Expenses	2,300.0	1,809.0	491.0
Earnings (loss) from Operations	(2,300.0)	(1,809.0)	491.0
	/=		
Total Other income/(expense)	(500.0)	<u>246.4</u>	<u>746.4</u>
Earnings before taxes	(2,800.0)	(1,562.5)	1,237.5
Tax expense/(benefit)	0.0	<u>0.0</u>	<u>0.0</u>
Net income	(\$2,800)	(<u>\$1,563</u>)	<u>\$1,237.5</u>
EPS	(\$0.01)	(\$0.00)	\$0.00
Diluted common shares	371,000	370,444	556

Source: Company filings and Litchfield Hills Research LLC

Company background

For additional information, please see our 7 December 2020 initiation.



Figure 5 – Oncotelic Therapeutics, Inc. – Comp Table

						ensus Multiple book multiple)	
FactSet		Closing	Market Cap		Market Cap		Price to
Ticker	Company Name	Price	\$MM	EV \$MM	/ Sales	EV /Sales	Book
TEVA-US	Teva Pharmaceutical (Adr)	\$8.05	9,209	32,353	0.56	1.97	1.05
APLS-US	Apellis Pharmaceuticals, Inc.	\$41.70	4,005	3,352	30.41	25.23	21.29
ARNA-US	Arena Pharmaceuticals Inc	\$49.55	3,039	2,300	113.89	84.09	4.17
NGM-US	NGM Biopharmaceuticals, Inc.	\$18.11	1,407	1,018	33.19	22.98	7.64
SRRK-US	Scholar Rock Holding Corp.	\$25.10	881	728	41.59	33.29	6.36
CYDY-US	CytoDyn Inc.	\$1.11	732	744	NA	NA	NA
PLRX-US	Pliant Therapeutics, Inc.	\$12.27	442	220	119.51	58.69	2.85
ALBO-US	Albireo Pharma Inc	\$22.04	425	251	8.14	4.66	3.95
RIGL-US	Rigel Pharmaceuticals	\$2.45	419	314	3.93	2.96	17.42
SPPI-US	Spectrum Pharmaceuticals Inc	\$1.37	225	88	6.99	2.35	3.71
	AVERAGE				<u>39.80</u>	<u>26.24</u>	<u>7.60</u>
OTLC-US	Oncotelic Therapeutics Inc (US Listing)	\$0.17	63	70	41.76	46.51	1.66
	OTLC-US	Premium/(D	iscount) to p	eers:	5%	77%	-78%



Figure 6 – Oncotelic Therapeutics, Inc. – Income Statement (\$000)

		i				2020A										
December ending year	2019A		A 2020		2020A			202	21E		2021E		202			2022E
	Year	Q1A	Q2A	Q3A	Q4A	Year	Q1A	Q2A	Q3A	Q4E	Year	Q1E	Q2E	Q3E	Q4E	Year
(\$000)																
Total revenue	\$0	\$341	\$1,400	\$0	\$0	\$1,741	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$1,000	\$1,500
Cost of Goods	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	100	200	300
Gross Profit	0	341	1,400	0	0	1,741	0	0	0	0	0	0	0	400	800	1,200
R&D	1,372	312	482	936	2,572	4,302	1,557	957	622	1,000	4,135	1,000	1,000	1,000	1,000	4,000
SG&A	2,939	2,678	904	680	762	5,023	481	2,807	1,187	1,200	5,676	900	900	900	900	3,600
Total Operating Expenses	4,311	2,990	1,386	1,616	3,334	9,326	2,038	3,764	1,809	2,200	9,811	1,900	1,900	1,900	1,900	7,600
Operating Income	(4,311)	(2,649)	14	(1,616)	(3,334)	(7,585)	(2,038)	(3,764)	(1,809)	(2,200)	(9,811)	(1,900)	(1,900)	(1,500)	(1,100)	(6,400)
Op. Margin														-300%	-110%	-427%
Total Other Items	(2,327)	(2,009)	<u>568</u>	(370)	(107)	(1,918)	(765)	<u>196</u>	<u>246</u>	(500)	(823)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Pre-Tax Income	(6,638)	(4,658)	582	(1,987)	(3,440)	(9,503)	(2,803)	(3,568)	(1,563)	(2,700)	(10,634)	(1,900)	(1,900)	(1,500)	(1,100)	(6,400)
Taxes (benefit)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tax Rate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Income (loss)	(\$6,638)	(\$4,658)	\$582	(\$1,987)	(\$3,440)	(\$9,503)	(\$2,803)	(\$3,568)	(\$1,563)	(\$2,700)	(\$10,634)	(\$1,900)	(\$1,900)	(\$1,500)	(\$1,100)	(\$6,400)
EPS, as reported	(\$0.11)	(\$0.05)	\$0.01	(\$0.02)	(\$0.04)	(\$0.11)	(\$0.03)	(\$0.01)	(\$0.00)	(\$0.01)	(\$0.04)	(\$0.01)	(\$0.00)	(\$0.00)	(\$0.00)	(\$0.02)
Diluted Shares Outstanding	59,958	84,917	94,737	88,965	88,100	88,100	94,193	369,547	370,444	372,000	301,546	380,000	390,000	400,000	400,000	392,500



Figure 7 – Oncotelic Therapeutics, Inc. – Balance Sheet (\$000)

December ending year	FY2022E	FY2021E	FY2020A	FY2019
Balance sheet				
Current Assets				
Cash and S.T.I.	\$178	\$453	\$494	\$82
Accounts receivable	500	150	20	150
Inventories	0	0	0	0
Other assets	500	60	102	41
Total Current Assets	1,178	663	616	273
Intangibles	800	840	873	925
Goodwill				
Other non-current assets	2,000	1,000	1,112	<u>1,425</u>
Total Assets	\$25,040	\$23,565	\$23,663	\$23,685
Current Liabilities				
Accounts payable and accrued exp.	\$5,000	\$5,000	\$3,127	\$2,657
Contingent consideration	3,000	2,625	2,625	2,625
Convertible debt	6,000	4,000	4,401	961
Other current liabilities	2,000	2,500	1,029	<u>541</u>
Total current liabilities	16,000	14,125	11,182	6,783
Conv. and Long Term Debt	0	0	0	0
Other non-current	<u>0</u>	0	0	0
Total Liabilities	16,000	14,125	11,182	6,783
Stockholders' Equity				
Preferred stock	3	3	3	3
Common stock	3,701	3,701	906	841
Additional paid-in-capital	44,000	38,000	32,493	28,186
Retained earnings	(38,664)	(32,264)	(21,630)	(12,127
Cum. trans. adj. and treasury stock	<u>0</u>	<u>0</u>	709	0
Total stockholders' equity	<u>9,040</u>	9,440	12,481	16,902
Total Liabilities and equity	\$25,040	\$23,565	\$23,663	\$23,685

Source: Company reports and Litchfield Hills Research LLC

Figure 8 – Oncotelic Therapeutics, Inc. – Cash Flow (\$000)

	2022E	2021E	2020A	2019A
Net Income	(\$6,400)	(\$10,634)	(\$9,503)	(\$6,638)
Accounts receivable	(\$350)	(\$130)	\$130	(\$150)
Inventories	\$0	\$0	\$0	\$0
Other assets	(\$440)	\$42	(\$61)	(\$41)
Intangibles	\$40	\$33	\$51	\$51
Goodwill	\$0	\$0	\$0	(\$21,062)
Other non-current	(\$1,000)	\$112	\$313	\$345
Accounts payable and accrued exp.	\$0	\$1,873	\$471	\$2,657
Contingent consideration	\$375	\$0	\$0	\$2,625
Convertible debt	\$2,000	(\$401)	\$3,440	\$961
Other current liabilities	(\$500)	\$1,471	\$488	\$257
Conv. and Long Term Debt	\$0	\$0	\$0	\$0
Other non-current	\$0	\$0	\$0	\$0
Preferred stock	\$0	\$0	\$0	\$3
Common stock	\$0	\$2,795	\$65	\$772
Additional paid-in-capital	\$6,000	\$5,507	\$4,307	\$20,299
Non-controling interest	\$0	(\$709)	\$709	\$0
Other				\$1
Total Cash Flow	(\$275)	(\$41)	\$412	\$79

Source: Company reports and Litchfield Hills Research LLC

Disclosures:

Analyst Certification

We, the Litchfield Hills Research Department, hereby certify that the views expressed in this research report accurately reflect our personal views about the subject company and the underlying securities.

FINRA Compliant Research Report

We, the Litchfield Hills Research Department, hereby certify that this report is compliant with FINRA research rules 2241, 3110, the analyst is registered with FINRA and the report has been reviewed by a Supervisory Analyst.

MiFID II Compliant Research Report

Our research is classified as minor non-monetary benefit under MiFID II. This applies to all forms of transmission, including email, website and financial platforms such as Bloomberg, FactSet, S&P Global, Refinitiv, Wind and 13 others. We do not seek payment from the asset management community and do not have any execution function. Investors can continue to receive our research under the MiFID II regime without the need for a contract for services to be put in place. This applies to all forms of transmission, including email, website and financial platforms.

Litchfield Hills Research LLC Rating System

BUY: We expect the stock to provide a total return of 15% or more within a 12-month period.

HOLD: We expect the stock to provide a total return of negative 15% to positive 15% within a 12-month period.

SELL: We expect the stock to have a negative total return of more than 15% within a 12-month period.

Total return is defined as price appreciation plus dividend yield.



OTLC-Buy-\$4 PT

Other Disclosures

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