



# Outlook Therapeutics, Inc.

Q3 about inline. Resubmission of BLA to FDA for LYTENAVA in September. Lowering P/T to \$7.00.

## COMPANY UPDATE

### Rating: BUY

Ticker: OTLK

Price: \$1.21

Target: \$7.00  
(from \$7.75)

**Q3 about inline:** Outlook recently (on August 10) reported its Q3 FY22 (ending June) results. EPS of \$(0.08) compared with our and consensus estimates of \$(0.07). There was no Q3 guidance. Outlook is a clinical stage medical device development/commercialization company so it generates minimal revenue.

**Operating expense:** Operating expenses were \$17 million, down \$2 million from Q2 mainly due to \$3 million in BLA submission fees in Q2. Management declined to provide FY22 guidance. However, we believe ~\$15 million is a reasonable near term quarterly burn rate.

**Adjusting estimates:** We are adjusting our FY22 EPS estimate to \$(0.32) from \$(0.31).

**BLA resubmission:** Outlook submitted its new BLA (Biologics License Application) to the FDA for ONS-5010 for treatment of wet AMD in Q1 (on March 31). In May, the company withdrew its submission to provide additional information requested by the FDA. The company plans to re-submit the BLA with the additional information for ONS-5010 in September (with potential approval 8-12 months after).

**Positive clinical results:** In August 2021, Outlook announced positive top-line results from its pivotal Phase 3 NORSE TWO safety and efficacy trial evaluating ONS-5010 for treatment of wet AMD. In March 2021, Outlook reported positive topline results from its NORSE THREE Open-Label Safety Study. In August 2020, Outlook reported topline results from its NORSE 1 study demonstrating safety and efficacy and positive proof-of-concept of ONS-5010 for the treatment of wet age-related macular degeneration (wet AMD).

**ONS-5010 development on track:** Outlook has one main therapeutic candidate, ONS-5010 (named LYTENAVA) which is a proprietary ophthalmic formulation of bevacizumab (Avastin) product for the treatment of wet AMD and other eye diseases. Avastin is FDA approved and used widely in oncology indications but is also used off-label for the treatment of several ophthalmic diseases. Outlook is developing LYTENAVA as a replacement for the use of off-label Avastin in the treatment of wet AMD.

**FDA BLA approval should be major positive catalysts:** Outlook is still relatively on track (though with a slight delay) in its development of ONS-5010. Potential FDA marketing approval may be in mid to late 2023.

**Commercial launch in late 2023:** Pending regulatory approvals, Outlook expects commercial launches shortly after FDA approval (likely to launch late 2023).

**More studies planned:** Outlook has received agreements from the FDA on three Special Protocol Assessments (SPAs) for three additional clinical trials. These SPAs cover ONS-5010 to treat branch retinal vein occlusion (BRVO), and for the treatment of diabetic macular edema (DME). These studies are planned to initiate in 2023 (after FDA approval for wet AMD).

**Balance sheet:** Outlook has \$27 million in cash and \$11 million in debt as of Q3 FY22. In Q1, it raised ~\$58 million selling stock (46 million shares at \$1.25/share). We believe it has enough cash through Q1 FY23.

**Valuation attractive:** Maintaining our BUY rating, but lowering our 12-month price target to \$7.00 from \$7.75. This is based on a NPV analysis, representing significant upside from the current share price. We believe this valuation appropriately balances out the company's high risks with the company's high growth prospects and large upside opportunities.

### Company Description

Based in Iselin, NJ, Outlook Therapeutics is a clinical-stage biopharmaceutical company focused on developing ONS-5010, a proprietary ophthalmic bevacizumab (Avastin) product for the treatment of wet AMD.

### Stock Data

Exchange:	NasdaqCM
52-week Range:	\$0.68 – 2.87
Shares Outstanding (million):	226
Market cap (\$million):	\$273
EV (\$million):	\$257
Debt (\$million):	\$11
Cash (\$million):	\$27
Avg. Daily Trading Vol. (\$million):	\$2
Float (million shares):	110
Short Interest (million shares):	12
Dividend, annual (yield):	\$0 (NA%)

### Revenues (US\$ million)

	<u>2022E</u> (Cur.)	<u>2022E</u> (Old)	<u>2023E</u> (Cur.)	<u>2023E</u> (Old)
Q1 Dec	0A		0E	
Q2 Mar	0A		1E	
Q3 Jun	0A	0E	1E	
Q4 Sep	<u>0E</u>		<u>3E</u>	
Total	<u>0E</u>		<u>4E</u>	
EV/Revs	N/A		64x	

### Earnings per Share (pro forma)

	<u>2022E</u> (Cur.)	<u>2022E</u> (Old)	<u>2023E</u> (Cur.)	<u>2023E</u> (Old)
Q1 Dec	(0.08)A		(0.06)E	
Q2 Mar	(0.09)A		(0.06)E	
Q3 Jun	(0.08)A	(0.07)E	(0.06)E	
Q4 Sep	<u>(0.08)E</u>	<u>(0.07)E</u>	<u>(0.04)E</u>	
Total	<u>(0.32)E</u>	<u>(0.31)E</u>	<u>(0.21)E</u>	
P/E	N/A		N/A	

### Important Disclosures

Ascendant Capital Markets LLC seeks to do business with companies covered by its research team. Consequently, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making an investment decision.

For analyst certification and other important disclosures, refer to the Disclosure Section, located at the end of this report, beginning on page 14.

## Exhibit 1: Outlook's Investment Highlights

### Investment Highlights

#### Targeting \$13.1 Billion Global Ophthalmic Anti-VEGF Market<sup>2</sup>

##### Differentiated Drug Product

- Designed to meet stringent standards required for FDA ophthalmic approval
- Potential to eliminate risks associated with off-label repackaged bevacizumab, including potential impurities and particulates from legacy re-packaging processes
- Delivery through a convenient pre-filled syringe

##### Potential for 1<sup>st</sup> FDA Approved Bevacizumab

- Compelling pivotal data support U.S. FDA BLA submission targeted September 2022
- Launch anticipated Q4 2023, if approved
- Provide an economically elegant anti-VEGF solution for patients, payers and doctors

##### Attractive Market Opportunity

- Over 50% of the U.S. market available for conversion to ONS-5010 representing billions in yearly sales
- 12-years US regulatory exclusivity expected
- Label expansion opportunity into DME and BRVO

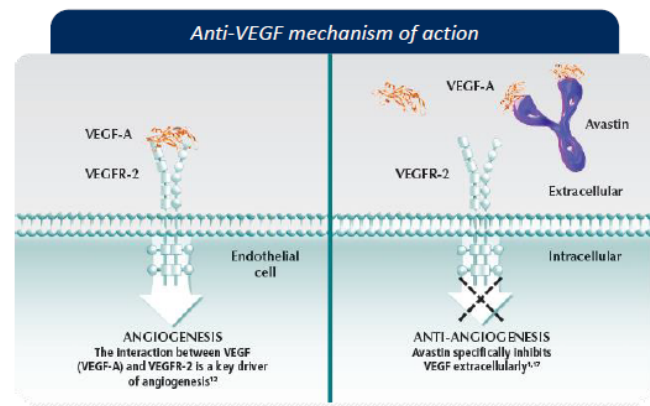
Source: Company reports.

## Exhibit 2: Outlook's ONS-5010 (LYTENAVA)

### Standard of Care in Wet AMD

ONS-5010 / LYTENAVA™, if approved, will be the first on-label ophthalmic formulation of bevacizumab-vikg

- Anti-VEGF drugs have been standard of care since 2006
  - Block growth of abnormal blood vessels and leakage of fluid from the vessels behind the retina
- Several new clinical-stage anti-VEGF drugs, including biosimilars, in development and/or recently approved
  - Require significant time and capital to achieve commercialization
  - New drugs expected to price at or near the high price points of current approved therapies



Source: Company reports.

**Exhibit 3: ONS-5010 (LYTENAVA) Market Opportunities**

## Unapproved Bevacizumab Represents 50% of U.S. Wet AMD Market Injections

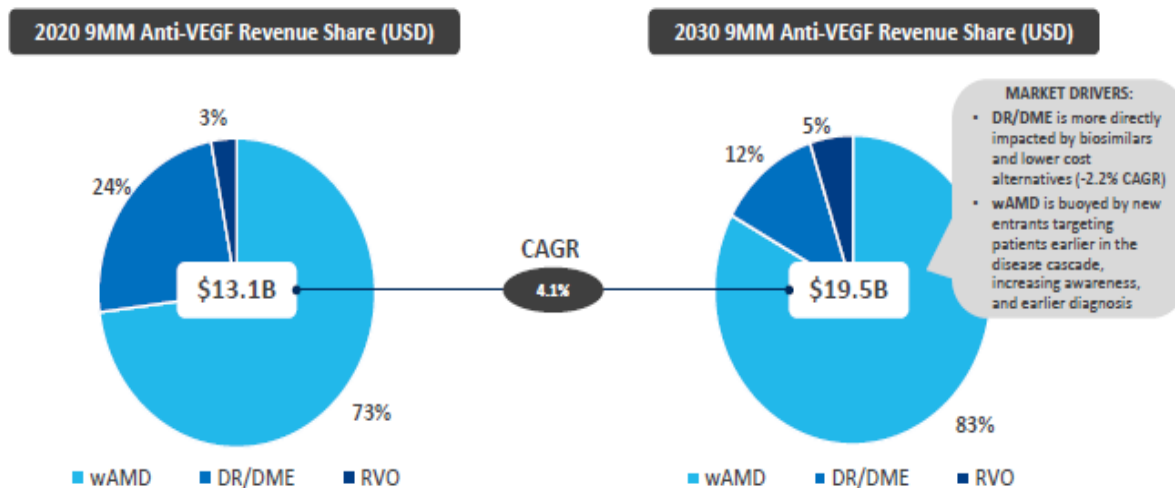


Expected Drivers to Compete Across All Ophthalmic Anti-VEGF Therapeutics, if Approved by FDA

- 1 Provide cost-effective FDA approved ophthalmic bevacizumab
- 2 Become first-line "step-edit" drug of choice
- 3 12 years market exclusivity
- 4 Penetrate EU and developing markets

## Targeting Large and Growing Ophthalmic Markets

**ONS-5010, if Approved, Will Be a Significant Therapy In the Retinal Anti-VEGF Market, Currently Estimated To Be In Excess of \$13.1 Billion Worldwide**



Source: Company reports.

Exhibit 4: ONS-5010 ((LYTENAVA) Planned Milestones

## Pathway Towards Potential FDA Approval in Wet AMD

✓ Positive Signals



Clinical Experience Trial  
1<sup>st</sup> Registration Trial

✓ Positive Top-Line Data



Pivotal Trial  
2<sup>nd</sup> Registration Trial

✓ Completed



Open-Label Safety Study  
Supports BLA Requirements

Source: Company reports.

Exhibit 5: ONS-5010 (LYTENAVA) Commercial Strategy

## Commercial Strategy



Commercial launch will be led by Jeff Evanson, Chief Commercial Officer. Former V.P., Head, Global Pharmaceutical Franchise and Global Director, Alcon

NOVARTIS Alcon Medtronic NAVIGANT



### Commercial Drivers

Provide safe and cost-effective approved bevacizumab

Responsible pricing (collaborative payor strategy)

Pre-filled syringes expected to provide convenience and safety

Market exclusivity (new BLA)  
12 years in United States  
8+2 years in EU



### Step-Edit Therapy

Opportunity to become first line “step-edit” drug of choice, if approved



### Expand Outside U.S.

Penetrate EU5, Japan and developing markets where unapproved bevacizumab use has been restricted

Source: Company reports.

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**Exhibit 6: Recent Highlights and Upcoming Milestones (as of Q3 FY22)**

**Recent Corporate Highlights**

- Announced the full cash pre-payment of its \$12.3 million unsecured convertible promissory note dated November 4, 2020, as amended November 16, 2021; and
- Confirmed plans to re-submit ONS-5010 BLA by September 2022.

**Upcoming Anticipated Milestones**

- Complete re-submission of BLA for ONS-5010 for the treatment of wet age-related macular degeneration (wet AMD);
- Receive Prescription Drug User Fee Act (PDUFA) target action date from FDA;
- Continue progress with ongoing pre-launch commercial preparations in anticipation of potential approval for ONS-5010 in 2023; and
- Submission of Marketing Authorisation Application (MAA) in EU for ONS-5010.



Company  
Summary

- Targeting \$13.1 billion global ophthalmic anti-VEGF market<sup>1</sup>
  - Initial U.S. target segment worth potentially billions in yearly revenue are served by compounding pharmacies which by law should be converted to Outlook Therapeutics' LYTENAVA, if FDA approved
- Potential for first FDA approved ophthalmic formulation of bevacizumab
- U.S. FDA BLA submission targeted September 2022 with anticipated approval to follow 8-12 months later
- Sufficient capital for pre-launch activities and potentially through launch
- Management team with proven ophthalmic commercial launch expertise

Source: Company reports.

**Exhibit 7: NORSE ONE and THREE Studies Results**

**NORSE ONE and NORSE THREE Results**

 **Completed Clinical Experience Trial**

Demonstrated anticipated safety and efficacy signals consistent with previously published results for ophthalmic use of bevacizumab

**Trial Highlights:**

- Desired proportion of 3-line visual acuity gainers achieved
- Desired mean gain in visual acuity achieved
- Zero ocular inflammation observed
- Safety was comparable to published bevacizumab studies, such as CATT

 **Open-Label Safety Study**

Positive safety profile reinforces previously reported safety data for ONS-5010 (bevacizumab-vikg)

**Trial Highlights:**

- Provided adequate number of patient exposure required for BLA submission
- No unexpected safety trends
- Zero cases of ocular inflammation, a concern that has emerged for other anti-VEGF therapies to treat retinal conditions

Source: Company reports.

**Exhibit 8: NORSE TWO Pivotal Trial**



**Pivotal Trial**

**2<sup>nd</sup> Registration Trial**



**Trial Highlights:**

- Randomized masked controlled trial
- ONS-5010 (bevacizumab-vikg) vs LUCENTIS® (ranibizumab)
- 228 patients enrolled
- Trial conducted in the United States
- Trial arms included >95% treatment-naïve patients

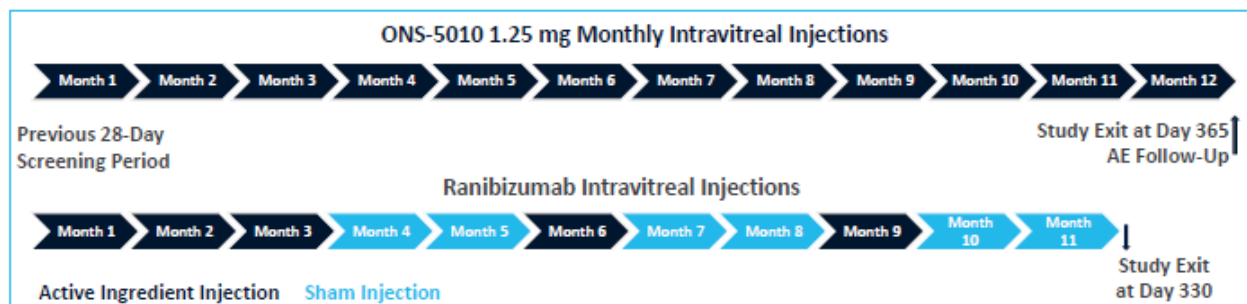
Source: Company reports.

Exhibit 9: NORSE TWO Study Conclusion



## Superiority Phase 3 Pivotal Study Design

### 12-Month Study of Safety and Efficacy of ONS-5010 in Subjects with Wet AMD Study Design and Statistical Analysis Plan Agreed to by U.S. FDA



#### Study Eye Characteristics

- Active, primary CNV due to wet AMD
- Treatment-naïve
- BCVA: 20/50 – 20/320

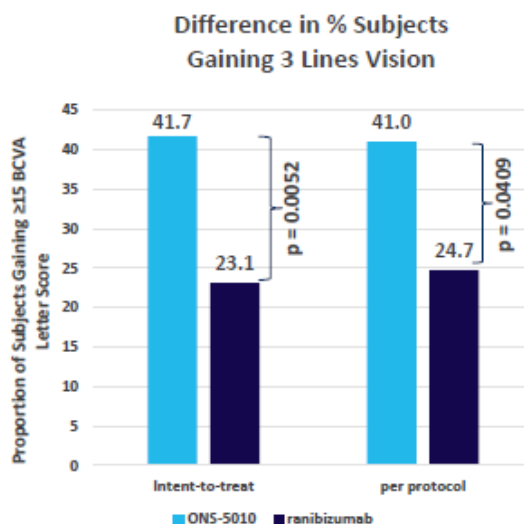
#### Key Study Outcomes

- Proportion of subjects who gain  $\geq 15$  letters in BCVA
- Mean change in BCVA from baseline to Month 11
- Frequency and incidence of AEs



## Primary Endpoint Met with Statistically Significant, Clinically Relevant Results<sup>1</sup>

Characteristic	Statistic	ONS-5010 (n=113)	Ranibizumab (n=115)
<b>Intent-to-Treat Pop.</b>			
Number of Subjects	n/N (%)	45/108 (41.7)	24/104 (23.1)
Risk Difference		0.1859	
95% CI		(0.0442, 0.3086)	
p-value		0.0052	
<b>Per Protocol Pop.</b>			
Number of Subjects	n/N (%)	34/83 (41.0)	18/73 (24.7)
Risk Difference		0.1631	
95% CI		(0.0120, 0.3083)	
p-value		0.0409	



Source: Company reports.

**Exhibit 10: NORSE TWO Study Design**

## NORSE TWO Pivotal Trial Design



Randomized masked controlled trial with 228 subjects



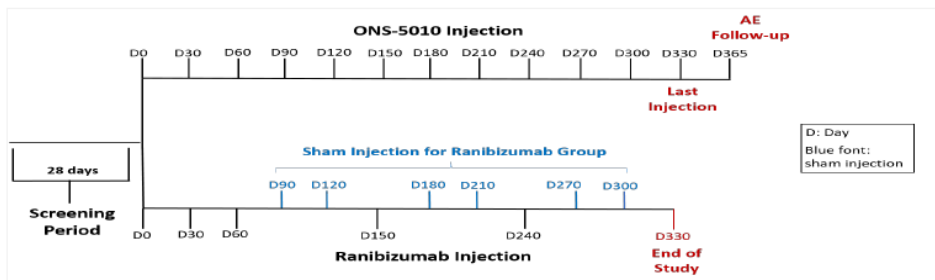
ONS-5010 (bevacizumab-vikg) administered monthly X 12



LUCENTIS dosing arm (PIER dosing) – Three initial monthly injections followed by fixed quarterly dosing



Primary endpoint difference in proportion of subjects gaining 15 letters of BCVA at Day 330



Source: Company reports.

**Exhibit 11: NORSE ONE Study**

**NORSE ONE**

First Registration,  
Clinical Experience Study

Phase 3 Clinical Program

- Positive proof-of-concept
- Demonstrated anticipated safety and efficacy consistent with previously published results for ophthalmic bevacizumab
- Study Highlights:**
  - Randomized Masked Controlled Trial
  - ONS-5010 vs LUCENTIS® (ranibizumab)
  - 61 subjects enrolled
  - Study conducted in Australia
  - Expected to support planned new U.S. BLA filing in 2021

Source: Company reports.





**Exhibit 12: NORSE THREE Safety Study**



**Completed**  
**Open-Label Safety Study**  
**Supports BLA Requirements**





Positive safety profile reported in NORSE 3 reinforces previously reported safety data for ONS-5010 ophthalmic bevacizumab

No unexpected safety trends, safety profile consistent with prior published data on the use of bevacizumab for ophthalmic conditions

Zero cases of ocular inflammation in NORSE 3, a concern that has emerged for other anti-VEGF therapies to treat retinal conditions

**Trial Highlights:**

- Open-label safety study
- Enrolled 197 subjects with wet age-related macular degeneration (wet AMD), diabetic macular edema (DME) or branch retinal vein occlusion (BRVO)
- Subjects received three doses of ONS-5010 ophthalmic bevacizumab over a three-month period
- Conducted to ensure adequate number of safety exposures to ONS-5010 ophthalmic bevacizumab








Source: Company reports.

**Exhibit 13: NORSE SEVEN Study (ongoing currently)**

**NORSE SEVEN**

**Pre-Filled Syringe**

**Vials Versus Pre-Filled Syringe**

**Trial Highlights:**

- 3-month study to compare the safety of ONS-5010 in vials versus Outlook Therapeutics investigational pre-filled syringe
  - Vial arm (n= has been fully enrolled and is now complete)
- Enrolling ~120 subjects with visual impairment due to retinal disorders
  - Wet AMD
  - BRVO
  - DME
- Data expected to support sBLA submission in 2023

Source: Company reports.

**Exhibit 14: Outlook Therapeutics Stock Price (5-years)**



Source: <https://bigcharts.marketwatch.com/>

**Exhibit 15: Consensus Expectations (as of August 10, 2022)**

	Revenue (mil)			EPS	
	2022E	2023E		2022E	2023E
Q1 Dec	\$0A		Q1 Dec	\$(0.08)A	
Q2 Mar	\$0A		Q2 Mar	\$(0.09)A	
Q3 Jun	\$0E		Q3 Jun	\$(0.07)E	
Q4 Sep	\$0E		Q4 Sep	\$(0.07)E	
<b>Total</b>	<b>\$0E</b>	<b>\$69E</b>	<b>Total</b>	<b>\$(0.33)E</b>	<b>\$(0.16)E</b>

\*Quarterly estimates may not add to annual estimates due to variations in contributing estimates and rounding.

Source: Company report, Refinitiv, and Ascendant Capital Markets estimates

## FINANCIAL MODEL

### Outlook Therapeutics, Inc.

Income Statement (\$ mils)	Dec-19	Mar-20	Jun-20	Sep-20	2020	Dec-20	Mar-21	Jun-21	Sep-21	2021	Dec-21	Mar-22	Jun-22	Sep-22	2022	Dec-22	Mar-23	Jun-23	Sep-23	2023	
Fiscal Year End: September 30	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2A	Q3A	Q4E	FY-E	Q1E	Q2E	Q3E	Q4E	FY-E	
<b>Total Revenue</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.5	3.5	4.0
<b>Cost of Revenues</b>					0.0					0.0					0.0						0.0
Gross Profit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.5	3.5	4.0
Research and development	5.8	4.4	8.5	7.6	26.3	11.9	8.5	8.5	9.9	39.0	9.9	12.2	11.2	10.0	43.3	5.0	5.0	5.0	5.0	20.0	
General and administrative	2.3	2.0	3.3	2.4	10.0	2.2	4.1	2.9	3.5	12.8	3.3	6.7	5.8	6.5	22.2	7.0	7.0	7.0	7.0	28.0	
Restructuring and other		0.4	0.1	0.0	0.5					0.0					0.0					0.0	
Total operating expenses	8.2	6.8	11.9	10.0	36.8	14.2	12.6	11.5	13.4	51.7	13.1	18.9	17.0	16.5	65.6	12.0	12.0	12.0	12.0	48.0	
<b>Operating income (loss)</b>	<b>(8.2)</b>	<b>(6.8)</b>	<b>(11.9)</b>	<b>(10.0)</b>	<b>(36.8)</b>	<b>(14.2)</b>	<b>(12.6)</b>	<b>(11.5)</b>	<b>(13.4)</b>	<b>(51.7)</b>	<b>(13.1)</b>	<b>(18.9)</b>	<b>(17.0)</b>	<b>(16.5)</b>	<b>(65.6)</b>	<b>(12.0)</b>	<b>(12.0)</b>	<b>(11.5)</b>	<b>(8.5)</b>	<b>(44.0)</b>	
Interest income (expense)	(0.6)	(0.7)	(0.4)	(0.0)	(1.8)	(0.2)	(0.3)	(0.3)	(0.3)	(0.9)	(0.4)	(0.4)	(0.4)	(1.0)	(2.1)	(1.0)	(1.0)	(1.0)	(1.0)	(4.0)	
Other income (expense)	(9.7)	(10.0)	6.0	0.1	(13.5)	(0.1)	(0.2)	(0.5)	0.3	(0.5)	(1.0)	(0.4)	(0.2)	(1.5)	(1.5)					0.0	
Income before income taxes	(18.5)	(17.5)	(6.3)	(9.9)	(52.1)	(14.5)	(13.1)	(12.2)	(13.4)	(53.2)	(14.5)	(19.7)	(17.5)	(17.5)	(69.2)	(13.0)	(13.0)	(12.5)	(9.5)	(48.0)	
Income taxes			(3.3)	(0.0)	(3.3)		0.0		0.2	0.2		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Net income (loss)	(18.5)	(17.5)	(3.0)	(9.9)	(48.9)	(14.5)	(13.1)	(12.2)	(13.6)	(53.4)	(14.5)	(19.7)	(17.5)	(17.5)	(69.2)	(13.0)	(13.0)	(12.5)	(9.5)	(48.0)	
Nonrecurring/noncash adjustments	10.2	11.0	(6.9)	0.8	15.1					0.0					0.0					0.0	
<b>Net income (pro forma)</b>	<b>(8.2)</b>	<b>(6.4)</b>	<b>(10.0)</b>	<b>(9.2)</b>	<b>(33.8)</b>	<b>(14.5)</b>	<b>(13.1)</b>	<b>(12.2)</b>	<b>(13.6)</b>	<b>(53.4)</b>	<b>(14.5)</b>	<b>(19.7)</b>	<b>(17.5)</b>	<b>(17.5)</b>	<b>(69.2)</b>	<b>(13.0)</b>	<b>(13.0)</b>	<b>(12.5)</b>	<b>(9.5)</b>	<b>(48.0)</b>	
<b>EBITDA</b>																					
Shares, Basic	29.9	47.9	90.8	124.0	72.6	121.7	150.7	168.4	175.3	152.7	188.2	219.1	220.5	226.2	213.5	226.2	226.3	226.4	226.5	226.4	
Shares, Diluted	29.9	47.9	90.8	124.0	72.6	121.7	150.7	168.4	175.3	152.7	188.2	219.1	220.5	226.2	213.5	226.2	226.3	226.4	226.5	226.4	
EPS Basic (Pro forma)	(\$0.28)	(\$0.13)	(\$0.11)	(\$0.07)	(\$0.47)	(\$0.12)	(\$0.09)	(\$0.07)	(\$0.08)	(\$0.35)	(\$0.08)	(\$0.09)	(\$0.08)	(\$0.08)	(\$0.32)	(\$0.06)	(\$0.06)	(\$0.06)	(\$0.04)	(\$0.21)	
EPS Diluted (Pro forma)	(\$0.28)	(\$0.13)	(\$0.11)	(\$0.07)	(\$0.47)	(\$0.12)	(\$0.09)	(\$0.07)	(\$0.08)	(\$0.35)	(\$0.08)	(\$0.09)	(\$0.08)	(\$0.08)	(\$0.32)	(\$0.06)	(\$0.06)	(\$0.06)	(\$0.04)	(\$0.21)	
<b>Margins</b>																					
Gross margin	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100%	#DIV/0!	100%	100%	100%	100%	100%	
Research and development	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1000%	143%	500%	
General and administrative	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1400%	200%	700%	
Operating margin	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-2300%	-243%	-1100%	
Tax rate, GAAP	0%	0%	52%	0%	6%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Net margin	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-2500%	-271%	-1200%	
<b>Y/Y % change</b>																					
Total Revenue	-100%	-100%	-100%	-100%	-100%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Gross margin	-100%	-100%	-100%	-100%	-100%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Research and development	-31%	-33%	93%	70%	11%	104%	95%	1%	30%	48%	-17%	43%	32%	1%	11%	-49%	-59%	-56%	-50%	-54%	
General and administrative	-20%	6%	79%	-14%	6%	-4%	109%	-11%	47%	28%	46%	63%	97%	86%	74%	114%	5%	21%	8%	26%	
Operating income (loss)	-20%	-12%	110%	-21%	1%	73%	87%	-3%	34%	40%	-7%	50%	48%	23%	27%	-9%	-37%	-32%	-48%	-33%	
Net income (loss)	87%	55%	-34%	-3%	36%	-22%	-25%	305%	37%	9%	0%	50%	44%	29%	30%	-10%	-34%	-29%	-46%	-31%	
EPS Diluted (Pro forma)	-61%	-77%	-54%	-40%	-62%	-57%	-35%	-34%	5%	-25%	-35%	3%	10%	0%	-7%	-25%	-36%	-31%	-46%	-35%	

Source: Company reports and Ascendant Capital Markets estimates.

**Outlook Therapeutics, Inc.**

Balance Sheet (\$ mils)	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23
Fiscal Year End: September 30	Q1A	Q2A	Q3A	Q4A	Q1A	Q2A	Q3A	Q4A	Q1A	Q2A	Q3A	Q4E	Q1E	Q2E	Q3E	Q4E
<b>Assets</b>																
Cash and cash equivalents	1.3	4.7	24.0	12.5	5.6	37.2	19.7	14.5	70.2	58.4	26.0	10.2	(1.4)	(13.0)	(24.1)	(32.2)
Short term investments												0.0	0.0	0.0	0.0	0.0
Accounts receivable, net												0.0	0.0	0.0	0.0	0.0
Deferred income taxes												0.0	0.0	0.0	0.0	0.0
Prepaid expenses and other	5.2	4.8	4.3	5.4	5.5	6.6	12.2	7.0	7.3	8.1	11.5	11.5	11.5	11.5	11.5	11.5
Total current assets	6.5	9.5	28.2	17.9	11.0	43.8	31.9	21.5	77.5	66.5	37.5	21.7	10.1	(1.5)	(12.6)	(20.7)
Long term securities/investments								0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Property and equipment, net	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	(0.0)	(0.1)	(0.1)	(0.2)	(0.2)
Intangibles, net												0.0	0.0	0.0	0.0	0.0
Deferred income tax												0.0	0.0	0.0	0.0	0.0
Other	3.3	3.2	1.6	1.5	1.2	1.1	0.8	0.3	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0
<b>Total assets</b>	<b>10.4</b>	<b>13.2</b>	<b>30.2</b>	<b>19.7</b>	<b>12.5</b>	<b>45.1</b>	<b>32.9</b>	<b>22.8</b>	<b>78.7</b>	<b>67.7</b>	<b>38.6</b>	<b>22.5</b>	<b>10.8</b>	<b>(0.8)</b>	<b>(11.9)</b>	<b>(20.1)</b>
<b>Liabilities and stockholders' equity</b>																
Accounts payable	2.6	3.3	5.0	2.4	3.3	6.3	2.7	2.2	2.5	4.2	2.5	2.5	2.5	2.5	2.5	2.5
Accrued expenses	4.6	7.5	7.3	7.8	6.3	4.5	3.5	1.7	2.8	2.5	3.6	3.6	3.6	3.6	3.6	3.6
Deferred revenue												0.0	0.0	0.0	0.0	0.0
Deferred income tax	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Other	0.3	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Short term debt	10.7	11.1	4.1	3.7	0.5	11.2	11.5	0.9	12.7	22.8	10.5	10.5	10.5	10.5	10.5	10.5
<b>Total current liabilities</b>	<b>20.1</b>	<b>23.7</b>	<b>18.5</b>	<b>15.9</b>	<b>12.1</b>	<b>23.9</b>	<b>19.6</b>	<b>6.8</b>	<b>19.9</b>	<b>31.4</b>	<b>18.4</b>	<b>18.4</b>	<b>18.4</b>	<b>18.4</b>	<b>18.4</b>	<b>18.4</b>
Deferred income taxes												0.0	0.0	0.0	0.0	0.0
Warrant liabilities	8.3	6.5	0.2	0.1	0.2	0.4	0.4	0.5	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
Deferred revenue												0.0	0.0	0.0	0.0	0.0
Other long term liabilities	7.4	3.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long term debt	0.0	0.0	0.5	0.9	10.7	0.1		10.9	9.6			0.0	0.0	0.0	0.0	0.0
<b>Total other liabilities</b>	<b>15.7</b>	<b>10.0</b>	<b>0.8</b>	<b>1.0</b>	<b>10.9</b>	<b>0.6</b>	<b>0.5</b>	<b>11.5</b>	<b>9.9</b>	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
Preferred stock	5.5											0.0	0.0	0.0	0.0	0.0
Common stock	0.4	0.9	1.3	1.3	1.3	1.7	1.7	1.8	2.2	2.3	2.3	3.6	5.0	6.4	7.7	9.1
Additional paid-in capital	239.8	255.4	289.5	291.3	292.4	336.2	340.5	345.7	403.9	410.8	412.4	412.4	412.4	412.4	412.4	412.4
Retained earnings	(271.1)	(276.8)	(279.8)	(289.7)	(304.2)	(317.3)	(329.5)	(342.9)	(357.3)	(377.1)	(394.6)	(412.1)	(425.1)	(438.1)	(450.6)	(460.1)
Treasury stock												0.0	0.0	0.0	0.0	0.0
Accumulated other comprehensive income												0.0	0.0	0.0	0.0	0.0
Other												0.0	0.0	0.0	0.0	0.0
<b>Total stockholders' equity</b>	<b>(25.4)</b>	<b>(20.5)</b>	<b>11.0</b>	<b>2.8</b>	<b>(10.5)</b>	<b>20.7</b>	<b>12.7</b>	<b>4.6</b>	<b>48.8</b>	<b>36.0</b>	<b>20.1</b>	<b>3.9</b>	<b>(7.7)</b>	<b>(19.3)</b>	<b>(30.4)</b>	<b>(38.6)</b>
<b>Total stockholders' equity and liabilities</b>	<b>10.4</b>	<b>13.2</b>	<b>30.2</b>	<b>19.7</b>	<b>12.5</b>	<b>45.1</b>	<b>32.9</b>	<b>22.8</b>	<b>78.7</b>	<b>67.7</b>	<b>38.6</b>	<b>22.5</b>	<b>10.8</b>	<b>(0.8)</b>	<b>(11.9)</b>	<b>(20.1)</b>

**Balance Sheet Drivers**

	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23
Book & Cash Value (per share)	Q1A	Q2A	Q3A	Q4A	Q1A	Q2A	Q3A	Q4A	Q1A	Q2A	Q3A	Q4E	Q1E	Q2E	Q3E	Q4E
Book Value per Share (diluted)	-\$0.85	-\$0.43	\$0.12	\$0.02	-\$0.09	\$0.14	\$0.08	\$0.03	\$0.26	\$0.16	\$0.09	\$0.02	-\$0.03	-\$0.09	-\$0.13	-\$0.17
Cash per Share (diluted)	\$0.04	\$0.10	\$0.26	\$0.10	\$0.05	\$0.25	\$0.12	\$0.09	\$0.38	\$0.27	\$0.12	\$0.05	\$0.00	-\$0.05	-\$0.10	-\$0.14
Net cash per Share (diluted)	-\$0.32	-\$0.13	\$0.21	\$0.06	-\$0.05	\$0.17	\$0.05	\$0.02	\$0.26	\$0.17	\$0.07	\$0.00	-\$0.05	-\$0.10	-\$0.15	-\$0.18

Source: Company reports and Ascendant Capital Markets estimates

**Outlook Therapeutics, Inc.**

Cash Flow Statement (\$ mils)	Dec-19	Mar-20	Jun-20	Sep-20	2020	Dec-20	Mar-21	Jun-21	Sep-21	2021	Dec-21	Mar-22	Jun-22	Sep-22	2022	Dec-22	Mar-23	Jun-23	Sep-23	2023	
Fiscal Year End: September 30	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2A	Q3A	Q4A	FY-A	Q1A	Q2A	Q3A	Q4E	FY-E	Q1E	Q2E	Q3E	Q4E	FY-E	
<b>Cash flow from operating activities</b>																					
Net income	(16.6)	(5.7)	(3.0)	(9.9)	(35.2)	(14.5)	(13.1)	(12.2)	(13.4)	(53.2)	(14.5)	(19.7)	(17.5)	(17.5)	(69.2)	(13.0)	(13.0)	(12.5)	(9.5)	(48.0)	
Depreciation	0.2	0.2	0.1	0.1	0.6	0.1	0.1	0.0	0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	
Amortization	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Debt related amortization expen	0.0	0.1	0.1	0.0	0.2	0.1	0.2	0.2	0.3	0.9	0.3	0.4	0.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0	
Stock comp	0.4	0.3	1.4	0.8	2.8	1.2	1.1	1.2	1.4	4.9	1.2	3.8	1.4	1.4	7.7	1.4	1.4	1.4	1.4	5.5	
Deferred income taxes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Provision for bad debts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Change in fair value of warrant l	(0.2)	(1.8)	0.1	(0.1)	(2.0)	0.1	0.2	0.0	0.1	0.5	(0.1)	0.4	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	
Writedowns and impairments	8.1	0.4	(7.3)	0.0	1.2	(0.7)	0.2	0.0	0.0	(0.6)	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other gains/losses	0.0	0.0	1.9	0.0	1.9	0.0	0.0	0.4	(0.4)	0.0	1.0	0.0	(1.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other	0.0	0.0	0.0	0.0	0.0	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Changes in operating assets and liabilities:																					
Accounts receivable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Prepaid expenses & other curre	0.3	(0.1)	0.4	(1.0)	(0.3)	0.0	(1.4)	(5.6)	5.2	(1.7)	(0.3)	(0.8)	(3.4)	0.0	(4.5)	0.0	0.0	0.0	0.0	0.0	
Income tax	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other assets	(0.2)	(0.0)	(0.0)	(0.0)	(0.2)	0.1	0.0	0.0	(0.0)	0.1	(0.0)	(0.0)	(0.0)	0.2	0.2	0.0	0.0	0.0	0.0	0.0	
Accounts payable	0.3	0.7	(0.1)	(2.4)	(1.5)	0.9	2.7	(3.5)	(0.4)	(0.2)	0.2	1.8	(1.7)	0.0	0.3	0.0	0.0	0.0	0.0	0.0	
Accrued expenses	1.1	(1.3)	0.4	0.5	0.7	(0.7)	(1.9)	(1.0)	(1.8)	(5.3)	1.0	(0.2)	(0.5)	0.0	0.3	0.0	0.0	0.0	0.0	0.0	
Deferred revenue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other liabilities	0.0	0.0	0.0	(0.0)	0.1	(0.1)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Net cash (used in) provided by</b>	<b>(6.7)</b>	<b>(7.1)</b>	<b>(6.0)</b>	<b>(12.1)</b>	<b>(31.8)</b>	<b>(13.3)</b>	<b>(11.7)</b>	<b>(20.2)</b>	<b>(9.0)</b>	<b>(54.3)</b>	<b>(11.0)</b>	<b>(14.3)</b>	<b>(21.1)</b>	<b>(15.9)</b>	<b>(62.3)</b>	<b>(11.6)</b>	<b>(11.6)</b>	<b>(11.1)</b>	<b>(8.1)</b>	<b>(42.3)</b>	
<b>Cash flow from investing activities</b>																					
Purchases of property and equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Purchases of short-term investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Acquisitions	0.0	0.0	(0.9)	0.0	(0.9)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Net cash used in investing activ</b>	<b>0.0</b>	<b>0.0</b>	<b>(0.9)</b>	<b>0.0</b>	<b>(0.9)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>Cash flow from financing activities</b>																					
Issuance of debt	0.0	0.0	0.9	0.0	0.9	10.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
Repayment of debt	(0.1)	(0.1)	(0.0)	(0.0)	(0.3)	(3.6)	(0.0)	(0.0)	(0.0)	(3.7)	(1.0)	(0.3)	(11.6)	(12.9)	0.0	0.0	0.0	0.0	0.0	0.0	
Issuance of stock	0.0	9.5	25.3	0.7	35.4	39.8	2.7	3.8	46.3	57.7	2.7	0.3	0.0	60.7	0.0	0.0	0.0	0.0	0.0	0.0	
Repurchase of common stock	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Proceeds from stock option exe	0.1	1.1	0.0	0.0	1.1	3.6	0.0	0.0	3.6	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Dividends and distributions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Cash provided by (used in) fina</b>	<b>(0.0)</b>	<b>10.4</b>	<b>26.2</b>	<b>0.7</b>	<b>37.2</b>	<b>6.4</b>	<b>43.3</b>	<b>2.7</b>	<b>3.8</b>	<b>56.2</b>	<b>66.7</b>	<b>2.6</b>	<b>(11.3)</b>	<b>0.0</b>	<b>58.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
Effect of exchange rate on cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Net increase (decrease) in cash</b>	<b>(6.7)</b>	<b>3.3</b>	<b>19.3</b>	<b>(11.4)</b>	<b>4.5</b>	<b>(7.0)</b>	<b>31.6</b>	<b>(17.5)</b>	<b>(5.2)</b>	<b>1.9</b>	<b>55.7</b>	<b>(11.7)</b>	<b>(32.4)</b>	<b>(15.9)</b>	<b>(4.3)</b>	<b>(11.6)</b>	<b>(11.6)</b>	<b>(11.1)</b>	<b>(8.1)</b>	<b>(42.3)</b>	
<b>Beginning cash and equivalents</b>	<b>8.0</b>	<b>1.3</b>	<b>4.7</b>	<b>24.0</b>	<b>8.0</b>	<b>12.5</b>	<b>5.6</b>	<b>37.2</b>	<b>19.7</b>	<b>12.5</b>	<b>14.5</b>	<b>70.2</b>	<b>58.4</b>	<b>26.0</b>	<b>14.5</b>	<b>10.2</b>	<b>(1.4)</b>	<b>(13.0)</b>	<b>(24.1)</b>	<b>10.2</b>	
<b>Ending cash and equivalents</b>	<b>1.3</b>	<b>4.7</b>	<b>24.0</b>	<b>12.5</b>	<b>12.5</b>	<b>5.6</b>	<b>37.2</b>	<b>19.7</b>	<b>14.5</b>	<b>14.5</b>	<b>70.2</b>	<b>58.4</b>	<b>26.0</b>	<b>10.2</b>	<b>10.2</b>	<b>(1.4)</b>	<b>(13.0)</b>	<b>(24.1)</b>	<b>(32.2)</b>	<b>(32.2)</b>	

Source: Company reports and Ascendant Capital Markets estimates

## ANALYST CERTIFICATION

Each analyst hereby certifies that the views expressed in this report reflect the analyst's personal views about the subject securities or issuers. Each analyst also certifies that no part of the analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this report. The analyst who prepared this report is compensated based upon the overall profitability of Ascendant Capital Markets, LLC, which may, from time to time, include the provision of investment banking, financial advisory and consulting services. Compensation for research is based on effectiveness in generating new ideas for clients, performance of recommendations, accuracy of earnings estimates, and service to clients.

## Outlook Therapeutics, Inc.



Source: <https://bigcharts.marketwatch.com/>

Report	Report Date	Rating	Price Target
1	4/22/2019	B	4.00
2	5/16/2019	B	3.00
3	8/20/2019	B	4.00
4	12/22/2019	B	3.50
5	1/29/2020	B	3.75
6	2/20/2020	B	3.50
7	5/21/2020	B	3.25
8	8/21/2020	B	4.00
9	8/31/2020	B	3.25
10	1/6/2021	B	3.50
11	2/17/2021	B	5.00
12	5/22/2021	B	6.00
13	9/6/2021	B	7.00
14	12/23/2021	B	7.25
15	3/2/2022	B	7.50
16	5/27/2022	B	7.75

- Ascendant Capital Markets, LLC has received compensation for advisory or investment banking services from the company in the past 12 months.

## IMPORTANT DISCLOSURES

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Following are some general risks that can adversely impact future operational and financial performance and share price valuation: (1) industry fundamentals with respect to legislation, mandates, incentives, customer demand, or product pricing; (2) issues relating to competing companies or products; (3) unforeseen developments with respect to management, financial condition or accounting policies or practices; or (4) external factors that affect the interest rates, currency, the economy or major segments of the economy. Past performance is not a guide to future performance, future returns are not guaranteed, and loss of original capital may occur. Certain transactions, including those involving futures, options, and other derivatives, give rise to substantial risk and are not suitable for all investors. Our report is disseminated primarily electronically, and, in some cases, in printed form. The information contained in this report is not incorporated into the contents of our website and should be read independently thereof. Copyright Ascendant Capital Markets, LLC. No part of this material may be copied, photocopied or duplicated by any means or redistributed without the prior written consent of Ascendant Capital Markets, LLC.

## Risks & Considerations

Risks to attainment of our share price target include balance sheet/liquidity risks, failure of product candidates to demonstrate safety and efficacy in clinical trials, failure to gain regulatory approvals, ability to commercialize product, failure to obtain suitable reimbursement, competition, changing macroeconomic factors, investor sentiment for investing in biotech stocks, and changes in consumer or government priorities for healthcare.

## Ascendant Capital Markets, 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.

## Ascendant Capital Markets, LLC Rating System

*Prior to January 31, 2014, ASCM used the following rating system:*

**Strong Buy:** We expect the stock to provide a total return of 30% or more within a 12-month period.

**Buy:** We expect the stock to provide a total return of between 10% and 30% within a 12-month period.

**Neutral:** We expect the stock to provide a total return of between minus 10% and plus 10% within a 12-month period.

**Sell:** We expect the stock to provide a total return of minus 10% or worse within a 12-month period.

**Speculative Buy:** This rating is reserved for companies we believe have tremendous potential, but whose stocks are illiquid or whose equity market capitalizations are very small, often in the definition of a nano cap (below \$50 million in market cap). In general, for stocks ranked in this category, we expect the stock to provide a total return of 50% or more within a 12-month period. However, because of the illiquid nature of the stock's trading and/or the nano cap nature of the investment, we caution that these investments may not be suitable for all parties.

Total return is defined as price appreciation plus dividend yield.

### Ascendant Capital Markets, LLC Distribution of Investment Ratings (as of July 14, 2022)

Rating	Count	Percent	Investment Banking Services Past 12 months	
			Count	Percent
Buy	41	98%	15	37%
Hold	0	0%	0	0%
Sell	1	2%	0	0%
Total	42	100%	15	36%

### Other Important Disclosures

Our analysts use various valuation methodologies including discounted cash flow, price/earnings (P/E), enterprise value/EBITDAS, and P/E to growth rate, among others. Risks to our price targets include failure to achieve financial results, product risk, regulatory risk, general market conditions, and the risk of a change in economic conditions.

### Dissemination of Research

Ascendant Capital Markets, LLC research is distributed electronically via the Thomson Reuters platforms, Bloomberg, Capital IQ and FactSet. Please contact your investment advisor or institutional salesperson for more information.

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