

Biotechnology

Oncternal Therapeutics, Inc. (ONCT)

EQUITY RESEARCH

March 9, 2023

Price: \$0.89 Price Target: \$4.00

Rating: Overweight

Key Statistics:

 Symbol
 NYSE: ONCT

 52-Week Range
 \$0.69 - \$1.87

 Market Cap (\$M)
 52.0

 ADV (3 mo)
 224,605

 Shares Out (M)
 58.7

Research Analysts:

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REV (\$M)

FYE Dec	2022A	2023E	2024E
1Q	\$0.7	\$0.4E	\$0.4
Prev	-	\$0.5E	-
2Q	\$0.2	\$0.4E	\$0.4
Prev	-	\$0.5E	-
3Q	\$0.4	\$0.4E	\$0.4
Prev	-	\$0.5E	-
4Q	\$0.2	\$0.4E	\$0.4
Prev	\$0.5	\$0.5E	-
Year	\$1.5	\$1.5E	\$1.5
Prev	\$1.8	\$1.8E	-

EPS

FYE Dec	2022A	2023E	2024E
1Q	\$(0.20)	\$(0.21)E	\$(0.24)
Prev	-	\$(0.23)E	-
2Q	\$(0.23)	\$(0.21)E	\$(0.26)
Prev	-	\$(0.23)E	-
3Q	\$(0.21)	\$(0.22)E	\$(0.28)
Prev	-	\$(0.16)E	-
4Q	\$(0.20)	\$(0.24)E	\$(0.31)
Prev	-	\$(0.17)E	-
Year	\$(0.84)	\$(0.89)E	\$(1.09)
Prev	-	\$(0.80)E	-

Company Update

4Q Update: ROR1 CAR-T On-Track to Drive the Data Car This Year

Investment Summary: We reiterate our Overweight rating and 12-month price target of \$4. Today (3/9), Oncternal released 4Q22 financial results and held a company call. We view today's update as incremental, with key milestones remaining on-track. We see this year as an execution year for the Ph3 ZILO-301 in R/R MCL (relapsed/refractory mantle cell lymphoma). ONCT-808 (ROR1 CAR-T) will drive the data flow in aggressive B-cell lymphoma later this year, and the third program, ONCT-534, is guided to enter the clinic for prostate cancer in 2H23E. This will bring three clinical programs to the company. Some tidbits from the call: 1) the company is activating global sites for ZILO-301, and investigator feedback supports the hypothesis of high unmet need. However, due to geopolitical reasons, the speed is slower than previously expected; 2) management sounded bullish on a potential path in CLL (chronic lymphocytic leukemia) with TP53 alterations, given the promising data shown at ASH'22. That said, next steps will likely be dependent on regulatory feedback and funding; and 3) the ONCT-808 update later this year could include early safety, pharmacokinetic and potentially efficacy data. The trial is a 3+3 dose-escalation study, with additional dose exploration to be evaluated in expansion cohorts; management noted that it is being particularly mindful of the FDA's Project Optimus.

Model Update: We updated our model based on the company's 4Q22 financial results. We slightly adjusted the OpEx based on the company's cash runway guidance, and maintain our price target of \$4. The company ended the quarter with cash, cash equivalents and investments of \$64M, which the company states provides a runway into 1Q24E.



Valuation

We arrive at our PT of \$4 based on discounted cash flow valuation with a forecast horizon from 4Q22 to 2033E. We assume a 15% discount rate and no terminal value, in-line with peer biotech companies.

Risks

Oncternal is a clinical-stage company, and investment is subject to risk. These risks include, but are not limited to:

Clinical trial risk — zilovertamab is in mid- to late-stage clinical development and ONCT-808 is in early-stage development, and both have inherent risks associated with clinical trials. While the early data of zilovertamab are highly encouraging, we acknowledge that there is risk to test the drug in more patients or in other indications.

Intellectual property (IP) risk — Oncternal has patent coverage for zilovertamab. We assume patent expiration to be around 2033, excluding potential extension opportunities.

Regulatory risk — we believe an accelerated pathway for zilovertamab is subject to the FDA's feedback.

Manufacturing risk — Oncternal relies on third parties to manufacture CAR-T for its candidates, as well as to supply ibrutinib for zilovertamab combo studies. Therefore, there is inherent external uncertainty surrounding manufacturing and supply.

Financing risk — As of 12/31/2022, Oncternal had \$64M cash, cash equivalents and investments, which the company estimates will provide a runway into 1Q 2024. We expect the company to raise additional capital to fund the advancement of the pipeline in multiple indications, and the commercialization of zilovertamab in 2026E.



Product sole	Cantor Biotech: ONCT Income Statement Li Watsek							DCF	\$4															
Grant Revenue 12.4 53.4 54.3 50.7 50.2 50.4 50.2 51.5 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50	li.watsek@cantor.com; 212-915-1221 (in millions except for EPS)	2019A	2020A	2021A	1Q22A	2Q22A	3Q22A			1Q23E	2Q23E	3Q23E	4Q23E	2023E	1Q24E	2Q24E	3Q24E	4Q24E	2024E	2025E	2026E	2027E	2028E	2029E
Grant Revenue 12.4 S3.4 S3.3 S0.7 S0.2 S0.4 S0.2 S0.4 S0.2 S0.5 S0.4 S0.4 S0.4 S0.4 S0.4 S0.4 S0.4 S0.4			\$0.0	en n	en n	80.0	90.0	90.0	\$0.0	90.0	90.0	90.0	en n	80.0	90.0	90.0	en n	en n	90.0	\$0.0	¢10.2		\$1.45 D	\$255.1
COGS Selfreq general and development Expenses Research and development Expenses Rese																								
COGS as 8d product revenues My grade Research and Development Expenses 10.2 12.5 24.1 7.0 8.8 8.4 8.8 33.0 9.4 9.7 10.2 10.7 40.0 11.2 11.8 12.7 13.9 49.6 56.7 65.7 69.9 72.8 76.4 Research and Development Expenses 10.2 12.5 24.1 7.0 8.8 8.4 8.8 33.0 9.4 9.7 10.2 10.7 40.0 11.2 11.8 12.7 13.9 49.6 56.7 65.7 69.9 72.8 76.4 Research and development and semiconfort revenues 8 10.2 512.4 \$24.0 50.9 \$6.6 \$6.3 \$8.7 \$32.5 \$8.9 \$9.2 \$9.7 \$10.1 \$37.9 \$10.7 \$11.3 \$12.2 \$13.4 \$41.5 \$64.7 \$50.1 \$50.1 \$9.0 \$3.6 \$9.0 \$9.0 \$9.0 \$9.0 \$9.0 \$9.0 \$9.0 \$9.0	Total revenues	\$2.4	\$3.4	\$4.3	\$0.7	\$0.2	\$0.4	\$0.2	\$1.5	\$0.4	\$0.4	\$0.4	\$0.4	\$1.5	\$0.4	\$0.4	\$0.4	\$0.4	\$1.5	\$1.5	\$20.7	\$62.1	\$147.4	\$256.6
as 8d product revenues Ng growth Research and Development Expenses 102 125 241 70 8.8 8.4 8.8 33.0 8.4 9.7 10.2 10.7 40.0 11.2 11.8 12.7 13.9 48.6 56.7 66.7 66.7 66.9 72.8 76.4 Research and Development Expenses 102 12.5 24.1 70 8.8 8.4 8.8 33.0 8.4 9.7 10.2 10.7 40.0 11.2 11.8 12.7 13.9 48.6 56.7 66.7 66.7 66.7 69.9 72.8 76.4 Research and development and development as 60 growther revenues 8 10.2 512.4 524.0 56.9 88.6 88.3 88.7 832.5 58.0 59.2 99.7 510.1 537.9 510.7 511.3 512.2 513.4 547.5 554.7 554.7 56.2 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.9 576.4 576.4 576.4 576.9 576.4	% growth																			0%	1287%	200%	137%	74%
Magnetic Proposed Expenses 10.2 12.5 24.1 7.0 8.8 8.4 8.8 33.0 9.4 9.7 10.2 10.7 40.0 11.2 11.8 12.7 13.9 49.6 56.7 65.7 65.9 7.8 75.4	COGS	\$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	\$2.6	\$8.6	\$20.4	\$36.2
Research and Development Expenses 10.2 12.5 24.1 7.0 8.8 8.4 8.8 33.0 9.4 9.7 10.2 10.7 40.0 11.2 11.8 12.7 13.9 49.6 66.7 66.7 69.9 72.8 76.4 Research and development ship open ship of the control of	as % of product revenues									10%	10%	10%	10%		10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Research and development as \$10.2 \$12.4 \$24.0 \$3.9 \$8.0 \$8.0 \$8.3 \$8.7 \$32.5 \$8.9 \$9.2 \$9.7 \$10.1 \$37.9 \$10.7 \$13.3 \$12.2 \$13.4 \$47.5 \$54.7 \$56.7 \$61.2 \$07.4 \$72.8 \$70.4 \$47.5 \$67.0 \$37.9 \$11.0 \$10.0 \$11.0 \$10.	% growth																							
## as % of product revenues % growth Milestone \$0.0 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Research and Development Expenses	10.2	12.5	24.1	7.0	8.8	8.4	8.8	33.0	9.4	9.7	10.2	10.7	40.0	11.2	11.8	12.7	13.9	49.6	56.7	65.7	69.9	72.8	76.4
## as % of product revenues % growth Milestone \$0.0 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Research and development	\$10.2	\$12.4	\$24.0	\$6.9	\$8.6	\$8.3	\$8.7	\$32.5	\$8.9	\$9.2	\$9.7	\$10.1	\$37.9	\$10.7	\$11.3	\$12.2	\$13.4	\$47.5	\$54.7	\$61.2	\$67.4	\$72.8	\$76.4
Milestance \$50.0 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$		\$10.2	Ψ12.4	ΨZ-1.0	30.0	90.0	90.0	90.7	\$ 02.0	90.0	90.2	90.7	910.1	957.0	\$10.7	911.0	912.2	910.4	947.0	WO-1.7				
Seling, general and administrative as 67,3 Sel 4 St 10 S3.7 S3.2 S3.3 S3.3 S3.3 S3.5 S3.4 S3.4 S3.6 S3.7 S14.1 S3.8 S4.0 S4.4 S5.0 S17.3 S29.4 S41.1 S40.3 S56.7 S63.5 as % of product revenues % growth 15% 38% 40% -12% 19% 19% 19% 19% 19% 19% 19% 19% 19% 19			22%	93%	14%	26%	-4%	4%	36%	3%	3%	5%	5%	17%	5%	6%	8%	10%	25%	15%	12%	10%	8%	5%
Seling, general and administrative as 67,3 Sel 4 St 10 S3.7 S3.2 S3.3 S3.3 S3.3 S3.5 S3.4 S3.4 S3.6 S3.7 S14.1 S3.8 S4.0 S4.4 S5.0 S17.3 S29.4 S41.1 S40.3 S56.7 S63.5 as % of product revenues % growth 15% 38% 40% -12% 19% 19% 19% 19% 19% 19% 19% 19% 19% 19	Milestone	\$0.0	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$2.0	\$0.5	\$0.5	\$0.5	\$0.5	\$2.1	\$2.0	\$4.5	\$2.5	\$0.0	\$0.0
as % of product revenues % growth 15% 38% 40% -12% 1% 1% 16% 2% 2% 4% 5% 5% 5% 2% 6% 10% 12% 23% 70% 40% 20% 15% 12% 12% 12% 12% 12% 12% 12% 12% 12% 12																								
## Sprowth 15% 38% 40% -12% 19% 19% 19% 19% 29% 29% 49% 59% 59% 29% 69% 10% 12% 23% 70% 40% 20% 15% 12% 12% 10% 10% 12% 10% 10% 12% 10% 10% 12% 10% 10% 12% 10% 10% 12% 10% 10% 12% 10% 10% 12% 10% 10% 12% 10% 10% 10% 10% 10% 12% 10%	5,5	\$7.3	\$8.4	\$11.6	\$ 3.7	\$3.2	\$3.3	\$3.3	\$13.5	\$3.4	\$3.4	\$3.6	\$3.7	\$14.1	\$3.8	\$4.0	\$4.4	\$5.0	\$17.3	\$29.4				
Total costs and expenses \$17.4 \$20.9 \$35.7 \$10.7 \$12.0 \$11.7 \$12.1 \$46.4 \$12.8 \$13.1 \$13.7 \$14.4 \$54.0 \$15.0 \$15.0 \$15.8 \$17.1 \$18.9 \$86.9 \$86.0 \$109.5 \$127.8 \$149.9 \$176.1 \$10.5 \$	· ·		1506	28%	40%	-12%	106	196	16%	296	296	196	504	596	296	694	1096	1204	23%	70%				
Loss / Income from operations	70 grown																							
Comparison margin (%) Comp	Total costs and expenses	\$17.4	\$20.9	\$35.7	\$10.7	\$12.0	\$11.7	\$12.1	\$46.4	\$12.8	\$13.1	\$13.7	\$14.4	\$54.0	\$15.0	\$15.8	\$17.1	\$18.9	\$66.9	\$86.0	\$109.5	\$127.8	\$149.9	\$176.1
Acquired in-process r8d		\$ (15.0)	\$ (17.5)	\$ (31.4)	\$ (9.9)	\$ (11.8)	\$ (11.3)	\$ (11.9)	\$ (44.9)	\$ (12.4)	\$ (12.8)	\$ (13.4)	\$ (14.0)		\$ (14.6)	\$ (15.5)	\$ (16.8)	\$ (18.5)	. ,	. ()	. ()			
Interest and other income, net spense	Operation margin (%)													-3526%					-4388%	-5674%	-430%	-106%	-2%	31%
Interest expense \$0.0	Acquired in-process r&d	-\$18.1	\$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	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Change in fair value of warrant liability Other income (expense) So.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$	Interest and other income, net																		_					
Cther income (expense) \$0.0 \$0.3 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0																								
Loss before income taxes																								
Income tax provision \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.	Other income (expense)	\$0.0	\$0.5	\$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	\$0.0
tax rate %	Loss before income taxes	-\$34.2	-\$17.2	-\$31.3	-\$9.9	-\$11.7	-\$11.1	-\$11.4	-\$44.2	-\$12.3	-\$12.6	-\$13.2	-\$13.9	-\$52.0	-\$14.4	-\$15.2	-\$16.5	-\$18.3	-\$64.4	-\$84.1	-\$88.1	-\$64.9	-\$2.1	\$81.1
Net loss	Income tax provision	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				\$0.0			\$0.0							
Net loss per share attributable to ordinary shareholders, diluted Weighted-average shares outstanding, basic (M) Weighted-average shares outstanding, diluted Weighted-average shares outstanding, diluted	tax rate %								0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Shareholders, diluted (8.33) (8.04) (8.02) (8.03) (8.02) (8.02) (8.02) (8.02) (8.02) (8.02) (8.02) (8.02) (8.03) (8.02) (8.02) (8.02) (8.02) (8.02) (8.02) (Net loss	-\$34.2	-\$17.2	-\$31.3	-\$9.9	-\$11.7	-\$11.1	-\$11.4	-\$44.2	-\$12.3	-\$12.6	-\$13.2	-\$13.9	-\$52.0	-\$14.4	-\$15.2	-\$16.5	-\$18.3	-\$64.4	-\$84.1	-\$88.1	-\$64.9	-\$2.1	\$81.1
Weighted-average shares outstanding, basic (M) 10.33 20.31 49.32 49.43 50.06 54.21 56.58 52.57 57.71 58.86 5		(\$3.31)	(\$0.85)	(\$0.64)	(\$0.20)	(\$0.23)	(\$0.21)	(\$0.20)	(\$0.84)	(\$0.21)	(\$0.21)	(\$0.22)	(\$0.24)	(\$0.89)	(\$0.24)	(\$0.26)	(\$0.28)	(\$0.31)	(\$1.09)	(\$1.28)	(\$1.24)	(\$0.91)	(\$0.03)	\$1.14
Weighted-average shares outstanding, diluted	Weighted-average shares outstanding, basic	10.00		40.00	10.15	50.00	54.04	50.50	50.57	53.74	50.00	50.00	50.00	50.57	50.00	50.00	50.00	50.00	50.00	05.45	70.01	70.01	70.01	70.04
	()	10.33	20.31	49.32	49.43	50.06	54.21	56.58	52.57	57.71	58.86	58.86	58.86	58.57	58.86	58.86	58.86	58.86	58.86	65.45	70.94	70.94	70.94	70.94
[m] 10.55 20.51 48.52 48.43 50.00 54.21 50.58 52.57 57.71 58.80 58.80 58.80 58.80 58.86 58.86 58.86 58.86 65.45 70.94 70	(M)	10.33	20.31	49.32	49.43	50.06	54.21	56.58	52.57	57.71	58.86	58.86	58.86	58.57	58.86	58.86	58.86	58.86	58.86	65.45	70.94	70.94	70.94	70.94

Source: Company Reports, Cantor Fitzgerald Research



Cantor Biotech: ONCT DCF Li Watsek

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	2023E	2024E	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	2033E
	***	***	***	***	***	**	***	****	****	****	
EBIT	-\$53	-\$65	-\$85	-\$89	-\$66	-\$3	\$80	\$189	\$289	\$379	\$438
Tax rate	0%	0%	0%	0%	0%	0%	0%	0%	2%	21%	21%
D&A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Share based compensation	\$4	\$5	\$7	\$9	\$10	\$12	\$14	\$16	\$19	\$21	\$22
Change in WC	-\$3	\$0	\$0	\$2	\$5	\$9	\$11	\$14	\$13	\$12	\$8
CapEx	\$0	\$0	\$0	\$0	\$0	\$ 0	\$ 0	\$ 0	\$0	\$0	\$0
Free cash flow	-\$51	-\$60	-\$77	-\$78	-\$51	\$18	\$106	\$220	\$316	\$332	\$375
Free cash flow - undiscounted portion	-\$51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Free cash flow - discounted portion	\$0	-\$60	-\$77	-\$78	-\$51	\$18	\$106	\$220	\$316	\$332	\$375
Discount period	0	1	2	3	4	5	6	7	8	9	10
Discount factor	1.00	0.87	0.76	0.66	0.57	0.50	0.43	0.38	0.33	0.28	0.25
PV of FCF	-\$51	-\$52	-\$58	-\$51	-\$29	\$9	\$46	\$83	\$103	\$94	\$93

Share Value	
Discount rate	15%
PV of FCF	\$ 186
Terminal growth rate	 100%
TV	\$0
TV as % of Total	0%
NPV	\$ 186
Cash	\$ 64
Cash per share	\$ 1
\$/Sh	\$ 4
Shares Outstanding	56.6
Peak Revenue Multiple	

Source: Company Reports, Cantor Fitzgerald Research



Company Description

Oncternal is a clinical-stage oncology company focusing on drug development in biological pathways implicated in cancer generation or progression. The company has a ROR1 antibody, zilovertamab, in late-stage clinical trials for MCL (mantle cell lymphoma) and CLL (chronic lymphocytic leukemia), as well as a Phase 1b trial for prostate cancer. In addition, Oncternal has a CAR-T program targeting ROR1 in hematological malignancies, as well as an androgen receptor (AR) inhibitor program for prostate cancer, both in preclinical studies.

Disclosures Appendix

Analyst Certification

The analyst primarily responsible for this research report, and whose name appears on the front cover, certifies that: (i) all of the views expressed in this research report accurately reflects his or her personal views about any and all of the subject securities or issuers featured in this report; and (ii) no part of any of the research analyst's compensation was, is, or will be, directly or indirectly related to the specific recommendations or views expressed by the research analyst in this report.

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Overweight/OW: We expect the stock's total return to exceed 15% over the next 12 months. For the purpose of calculating the percentage of subject companies within the Buy, Hold, and Sell categories for whom Cantor Fitzgerald has provided investment banking services within the previous 12 months, an Overweight rating equates to a Buy rating.

Neutral/N: We expect the stock's total return to be between -10% and 15% over the next 12 months. For the purpose of calculating the percentage of subject companies within the Buy, Hold, and Sell categories for whom Cantor Fitzgerald has provided investment banking services within the previous 12 months, a Neutral rating equates to a Hold rating.

Underweight/UW: We expect the stock's total return to fall below -10% over the next 12 months. For the purpose of calculating the percentage of subject companies within the Buy, Hold, and Sell categories for whom Cantor Fitzgerald has provided investment banking services within the previous 12 months, an Underweight rating equates to a Sell rating.

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Not Rated/NR: We are not currently carrying a rating on this stock. Rating and estimates are under review. The NR rating does not equate to an Overweight, Neutral, or Underweight rating and thus is not counted in the calculation of the percentage of subject companies within these three categories for whom Cantor Fitzgerald has provided investment banking services within the previous 12 months.

Performance parameters should be interpreted flexibly as general guidelines relating to performance over a twelve-month period and are not intended to be influenced by short-term share price volatility. Performance in this context is evaluated in terms of total absolute return.

Total return is defined as the sum of (1) the percentage difference between the target price and the current price and (2) the expected dividend yield of the stock.

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