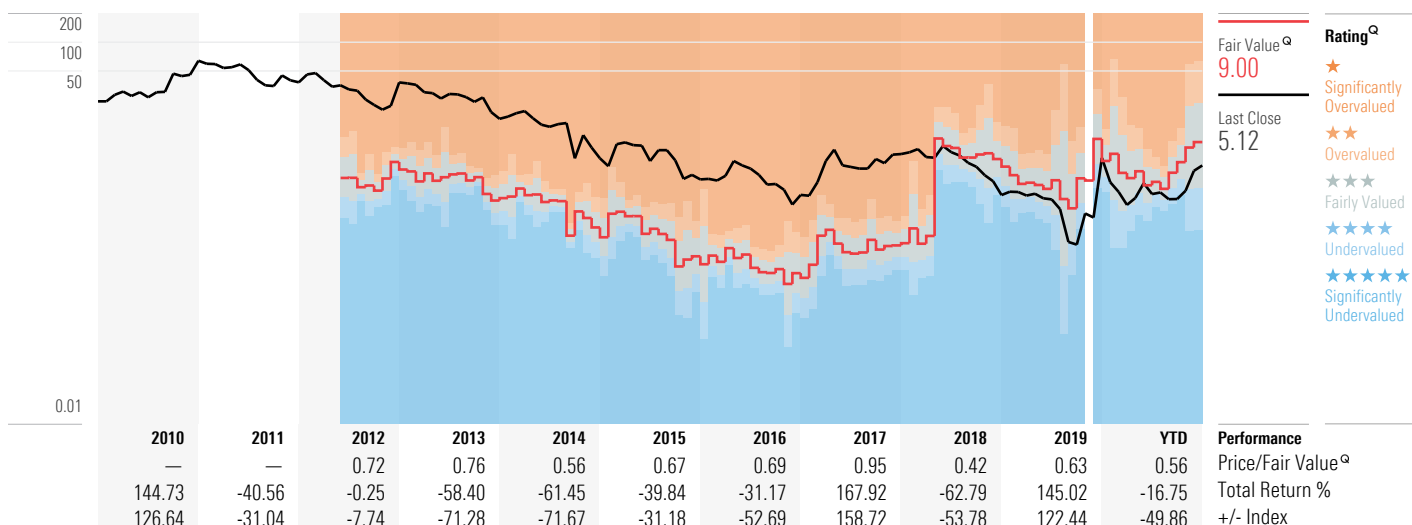


# Oncolytics Biotech Inc **ONC** ★★★ Q 4 Dec 2020, 23:32 UTC

<b>Economic Moat</b> <sup>Q</sup>	<b>Uncertainty</b> <sup>Q</sup>	<b>Price/Fair Value</b> <sup>Q</sup>	<b>Trailing Dividend Yield</b> %	<b>Market Cap</b>	<b>Investment Style</b>	<b>Sector</b>	<b>Industry</b>
None	Extreme	0.6	—	221.6904 Mil	Small Core	Healthcare	Biotechnology



Total Return % as of 4 Dec 2020. Last Close as of 4 Dec 2020. Fair Value as of 4 Dec 2020, 23:32 UTC. Index: Morningstar Canada GR CAD.

There is no one analyst in which a Quantitative Fair Value Estimate and Quantitative Star Rating are attributed to; however, Mr. Lee Davidson, Head of Quantitative Research for Morningstar, Inc., is responsible for overseeing the methodology that supports the quantitative fair value. As an employee of Morningstar, Inc., Mr. Davidson is guided by Morningstar, Inc.'s Code of Ethics and Personal Securities Trading Policy in carrying out his responsibilities. For information regarding Conflicts of Interests, visit <http://global.morningstar.com/equitydisclosures>

## Valuation <sup>Q</sup> as of 3 Dec 2020

ONC is undervalued at a 44% discount.

**Fair Value** <sup>Q</sup>  
**9.00**

**Uncertainty** <sup>Q</sup>:  
Extreme

**Economic Moat** <sup>Q</sup>  
None

**Financial Health** <sup>Q</sup>  
Moderate

**1-Star Price** <sup>Q</sup>  
> 63.16

**5-Star Price** <sup>Q</sup>  
< 1.07

**Last Close**  
5.12

## Financials as of 3 Dec 2020 (Fiscal Year End 31 Dec 2020)

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Fiscal
0	0	0	0	0	0	0	0	0	0	—	Revenue
-20	-29	-37	-24	-19	-14	-15	-16	-17	-21	—	Operating Income (Mil)
—	—	—	—	—	—	—	—	—	—	-1249	Operating Margin (%)
-25	-29	-36	-24	-19	-14	-15	-16	-17	-33	—	Net Income (Mil)
-3.71	-3.90	-4.56	-2.66	-2.00	-1.14	-1.20	-1.12	-1.06	-1.50	-0.34	Diluted Earnings/Share
-18	-23	-34	-24	-20	-15	-12	-15	-12	-20	—	Operating Cash Flow (Mil)
-82	-258	-126	-255	-153	-108	-24	-106	-107	-11	—	Capital Spending (K)
-18	-23	-34	-25	-20	-15	-13	-15	-12	-20	—	Free Cash Flow (Mil)
7	7	8	9	9	12	13	14	16	22	39	Avg Shares Outstand(Mil)
—	—	—	—	—	—	—	—	—	—	—	Dividend Per Share

## Valuation as of 3 Dec 2020

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Current	Calendar
—	—	0.72	0.76	0.56	0.67	0.69	0.95	0.42	0.63	0.56	Price/Fair Value <sup>Q</sup>
—	—	—	—	—	—	—	—	—	—	—	Price/Sales
—	—	—	—	—	—	—	—	—	—	—	Price/Earnings
—	—	—	—	—	—	—	—	—	—	—	Price/Cash Flow
10.91	7.20	20.70	5.09	4.05	1.64	2.06	8.34	4.83	57.38	9.50	Price/Book

## Operating Performance as of — (Fiscal Year End 31 Dec 2020)

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Q3	Fiscal (%)
-49.92	-72.2	-125	-93.57	-82.0	-61.57	-71.85	-94.91	-103	-191	-20.5	Return on Assets
-54.5	-81.3	-164	-127	-103	-71.3	-85.62	-164	-235	-1088	-30.02	Return on Equity
-54.65	-82.17	-165	-128	-104	-72.06	-86.31	-165	-237	-938	-29.53	Rtn on Invested Capital

## Contact

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## Business Description

Oncolytics Biotech Inc is a development stage biopharmaceutical company. The company is focused on the discovery and development of pharmaceutical products for the treatment of cancers that have not been treated with therapeutics. Its clinical development plan has the approval of its products as

quickly as possible and expands its products into commercially valuable new treatment areas as objectives. The company's product pipeline includes Bavencio, Keytruda, Opdivo, and Tecentriq.

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The quantitative report on equities consists of data, statistics and quantitative equity ratings on equity securities. Morningstar, Inc.'s quantitative equity ratings are forward looking and are generated by a statistical model that is based on Morningstar Inc.'s analyst-driven equity ratings and quantitative statistics. Given the nature of the quantitative report and the quantitative ratings, there is no one analyst in which a given report is attributed to; however, Mr. Lee Davidson, Head of Quantitative Research for Morningstar, Inc., is responsible for overseeing the methodology that supports the quantitative equity ratings used in this report. As an employee of Morningstar, Inc., Mr. Davidson is guided by Morningstar, Inc.'s Code of Ethics and Personal Securities Trading Policy in carrying out his responsibilities.

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Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings").

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to <http://global.morningstar.com/equitydisclosures> for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

**Narrow** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

**Wide** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

**None** – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

**One-Star** – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) < -1.5\*Quantitative Uncertainty*

**Two-Star** - the stock is somewhat overvalued.

*Log (Quant FVE/Price) between (-1\*Quantitative Uncertainty, -0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-1.5\*Quantitative Uncertainty, -0.75\*Quantitative Uncertainty)*

**Three-Star** – the stock is approximately fairly valued.

*Log (Quant FVE/Price) between (-0.5\*Quantitative Uncertainty, 0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-0.75\*Quantitative Uncertainty, 0.75\*Quantitative Uncertainty)*

**Four-Star** – the stock is somewhat undervalued.

*Log (Quant FVE/Price) between (0.5\*Quantitative Uncertainty, 1\*Quantitative*

*Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (0.75\*Quantitative Uncertainty, 1.5\*Quantitative Uncertainty)*

**Five-Star** – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) > 1.5\*Quantitative Uncertainty*

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

**Low** – the interquartile range for possible fair values is less than 10%

**Medium** – the interquartile range for possible fair values is less than 15% but greater than 10%

**High** – the interquartile range for possible fair values is less than 35% but greater than 15%

**Very High** – the interquartile range for possible fair values is less than 80% but greater than 35%

**Extreme** – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

**Weak** – assigned when Quantitative Financial Health < 0.2

**Moderate** – assigned when Quantitative Financial Health is between 0.2 and 0.7

**Strong** – assigned when Quantitative Financial Health > 0.7

## Other Definitions

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**Undervalued** – **Last Price** is below Morningstar's quantitative fair value estimate.

**Fairly Valued** – **Last Price** is in line with Morningstar's quantitative fair value estimate.

**Overvalued** – **Last Price** is above Morningstar's quantitative fair value estimate.

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