



## Bicycle Therapeutics Reports Fourth Quarter and Full Year 2019 Financial Results and Corporate Updates

March 10, 2020

- BT1718 on track for Phase IIa initiation in 2020; BT5528 Phase I dose escalation is ongoing; BT8009 on track for Phase I trial initiation in 2020

- IND-enabling activities for lead TICA™ BT7480 continue to progress

- Cash was \$92.1 million at December 31, 2019, which excludes \$30 million upfront payment from Q1 2020 strategic immuno-oncology collaboration with Genentech

CAMBRIDGE, England & BOSTON--(BUSINESS WIRE)-- [Bicycle Therapeutics plc](https://www.bicycletherapeutics.com) (NASDAQ:BCYC), a biotechnology company pioneering a new and differentiated class of therapeutics based on its proprietary bicyclic peptide (*Bicycles*®) technology, today reported financial results for the fourth quarter and full year ended December 31, 2019 and discussed recent corporate updates.

"Last year was transformational for Bicycle as the completion of our initial public offering and the strengthening of corporate leadership enabled successful execution against our pipeline development strategy," said Kevin Lee, Ph.D., Chief Executive Officer of Bicycle Therapeutics. "This year is already off to a strong start, with two new immuno-oncology collaborations designed to expand upon our wholly owned portfolio of systemic immune cell agonists and tumor-targeted immune cell agonists (TICAs™). We look forward to the momentum continuing as we progress multiple *Bicycle* Toxin Conjugates through the clinic this year and prepare to begin clinical development of our first TICA. We believe our anticipated near-term milestones will further demonstrate the role *Bicycles* could play in creating a much-needed new treatment paradigm for people living with cancer and other serious diseases."

### Fourth Quarter 2019 and Recent Highlights

- **Entered into Strategic Collaboration with Genentech to Discover, Develop and Commercialize Novel *Bicycle*-based Immuno-oncology Therapies.** In February 2020, Bicycle entered into a strategic collaboration agreement with Genentech. Under the terms of the agreement, Bicycle will be responsible for discovery research and early preclinical development up to candidate selection. Bicycle will receive a \$30 million upfront payment. The upfront payment and potential milestone payments could total up to \$1.7 billion. Bicycle will also be eligible to receive tiered royalties. None of Bicycle's wholly owned oncology assets, including its immuno-oncology candidates, are included in the collaboration.
- **Announced Collaboration with Cancer Research UK to Develop New *Bicycle* Immuno-oncology Candidate, BT7401.** In January 2020, Bicycle announced a second collaboration with Cancer Research UK, the world's largest independent funder of cancer research. Cancer Research UK will fund and sponsor development of BT7401, a multivalent *Bicycle* CD137 agonist, through a Phase I/IIa clinical study.
- **Dosed First Patient in Phase I/II Trial of BT5528, a Second-generation *Bicycle* Toxin Conjugate (BTC) Targeting EphA2, in Patients with Advanced Solid Tumors.** In November 2019, Bicycle announced that the first patient had been dosed in the Phase I dose escalation portion of its Phase I/II trial of BT5528 in patients with advanced solid tumors associated with EphA2 expression. BT5528 is the first second-generation BTC to enter the clinic and has demonstrated promising anti-tumor activity and tolerability across a broad range of preclinical studies.
- **Presented New Preclinical Data for Novel, Fully Synthetic TICAs at the Society for Immunotherapy of Cancer's (SITC) 2019 Annual Meeting.** In an oral presentation at SITC, Bicycle presented new data showing that its lead immuno-oncology candidate, BT7480, a TICA targeting Nectin-4 and agonizing CD137, rapidly penetrates tumors and effects powerful anti-tumor activity in preclinical models.

### Anticipated Key Events in 2020

- **Initiation of Phase IIa trial of BT1718**, a BTC targeting MT1-MMP, in patients with solid tumors expressing MT1 (trial sponsored by Cancer Research UK)
- **Interim BT5528 Phase I data readout** from the ongoing Phase I/II trial
- **Initiation of nivolumab arm in BT5528 Phase I** portion of the ongoing Phase I/II trial
- **Initiation of a Phase I/II trial of BT8009**, a second-generation BTC targeting Nectin-4, a tumor antigen shown to be overexpressed in tumor cells, in patients with solid tumors

### Financial Results

- Cash was \$92.1 million as of December 31, 2019, compared with \$63.4 million as of December 31, 2018. Cash at December 31, 2019 does not include the \$30 million upfront payment from Genentech.
- Research and development expenses were \$6.6 million for the three months ended December 31, 2019 and \$25.5 million for the year ended December 31, 2019, compared to \$6.5 million for the three months ended December 31, 2018 and \$20.8 million for the year ended December 31, 2018. The increase of \$0.1 million for the three months ended December 31, 2019 as compared to the same period in the prior year was primarily due to an increase in personnel-related expenses, including \$0.4 million of incremental non-cash share-based compensation expense, offset by a decrease of \$0.9 million in direct program spending. The increase of \$4.8 million for the year ended December 31, 2019 as compared to the same period in the prior year was primarily due to an increase of \$2.1 million in direct program spending as well as an increase in personnel-related expenses, including \$0.8 million of incremental non-cash share-based compensation expense.
- General and administrative expenses were \$3.4 million for of the three months ended December 31, 2019 and \$14.6 million for the year ended December 31, 2019, compared to \$2.1 million for of the three months ended December 31, 2018 and \$8.1 million for the year ended December 31, 2018. The increase of \$1.3 million for the three months ended December 31, 2019 as compared to the same period in the prior year is primarily due \$0.9 million in personnel-related costs, including \$0.4 million of incremental non-cash share-based compensation expense, as well as \$1.6 million in professional fees and costs related to operations as a public company, offset by a \$1.2 million favorable effect of foreign exchange rates. The increase of \$6.4 million for the year ended December 31, 2019 as compared to the same period in the prior year was primarily due to an increase in personnel-related expenses, including \$1.2 million of incremental non-cash share-based compensation expense, as well as an increase in professional fees and costs related to operations as a public company, offset by a \$0.6 million favorable effect of foreign exchange rates.
- Net loss was \$4.4 million, or \$(0.25) basic and diluted net loss per share, for the three months ended December 31, 2019 and net loss was \$30.6 million, or \$(2.77) basic and diluted net loss per share for the year ended December 31, 2019, compared to net loss of \$6.6 million, or \$(13.19) basic and diluted net loss per share for the three months ended December 31, 2018, and net loss of \$21.8 million, or \$(49.78) basic and diluted net loss per share for the year ended December 31, 2018.

### About Bicycle Therapeutics

Bicycle Therapeutics (NASDAQ: BCYC) is a clinical-stage biopharmaceutical company developing a novel class of medicines, referred to as *Bicycles*<sup>®</sup>, for diseases that are underserved by existing therapeutics. *Bicycles* are fully synthetic short peptides constrained with small molecule scaffolds to form two loops that stabilize their structural geometry. This constraint facilitates target binding with high affinity and selectivity, making *Bicycles* attractive candidates for drug development. Bicycle's lead product candidate, BT1718, a *Bicycle* Toxin Conjugate (BTC) that targets MT1-MMP, is being investigated in an ongoing Phase I/IIa clinical trial in collaboration with the Centre for Drug Development of Cancer Research UK. Bicycle is also evaluating BT5528, a second-generation BTC targeting EphA2, in a Company-sponsored Phase I/II study. Bicycle is headquartered in Cambridge, UK with many key functions and members of its leadership team located in Lexington, MA. For more information, visit [bicycletherapeutics.com](http://bicycletherapeutics.com).

### Forward Looking Statements

This press release may contain forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These statements may be identified by words such as "aims," "anticipates," "believes," "could," "estimates," "expects," "forecasts," "goal," "intends," "may," "plans," "possible," "potential," "seeks," "will" and variations of these words or similar expressions that are intended to identify forward-looking statements, although not all forward-looking statements contain these words. Forward-looking statements in this press release include, but are not limited to, statements regarding our collaborations with Cancer Research UK and Genentech; the possible discovery, development and commercialization of product candidates, including with our collaboration partners; potential payments that may be made pursuant to the strategic collaboration with Genentech; our intentions to initiate and advance clinical trials; the possible results of clinical trials; the therapeutic potential of our product candidates; and our ability to achieve planned milestones. Bicycle may not actually achieve the plans, intentions or expectations disclosed in these forward-looking statements, and you should not place undue reliance on these forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in these forward-looking statements as a result of various factors, including: the risk that we may not realize the intended benefits of our technology, including that we or our collaboration partners may not identify, develop and commercialize additional product candidates; the risk that we may not be able to maintain existing collaborations and realize the benefits thereof or develop new relationships; uncertainties inherent in the initiation and completion of preclinical studies and clinical trials and clinical development of Bicycle's product candidates by Bicycle or our collaboration partners; availability and timing of results from preclinical studies and clinical trials; whether the outcomes of preclinical studies will be predictive of clinical trial results; the risk that trials and studies may be delayed and may not have satisfactory outcomes; expectations for regulatory approvals to conduct trials or to market product; and other important factors, any of which could cause our actual results to differ from those contained in the forward-looking statements, are described in greater detail in the section entitled "Risk Factors" in our Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission (SEC) on November 7, 2019, as well as in other filings Bicycle may make with the SEC in the future. Any forward-looking statements contained in this press release speak only as of the date hereof, and Bicycle expressly disclaims any obligation to update any forward-looking statements contained herein, whether as a result of any new information, future events, changed circumstances or otherwise, except as otherwise required by law.

**Bicycle Therapeutics plc**  
**Condensed Consolidated Statements of Operations and Comprehensive Loss**  
(In thousands, except share and per share data)  
(Unaudited)

	Three Months Ended		Year Ended	
	December 31,		December 31,	
	2019	2018	2019	2018
Collaboration revenues	\$ 5,281	\$ 1,057	\$ 13,801	\$ 7,136
Operating expenses:				
Research and development	6,649	6,493	25,540	20,761
General and administrative	3,396	2,106	14,560	8,121
Total operating expenses	10,045	8,599	40,100	28,882
Loss from operations	(4,764)	(7,542)	(26,299)	(21,746)
Other income (expense):				
Interest and other income	220	94	814	169
Other expense, net	—	807	(5,377)	(665)
Total other income (expense), net	220	901	(4,563)	(496)
Net loss before income tax provision	(4,544)	(6,641)	(30,862)	(22,242)
Benefit from income taxes	(138)	—	(254)	(396)
Net loss	\$ (4,406)	\$ (6,641)	\$ (30,608)	\$ (21,846)
Net loss attributable to ordinary shareholders	\$ (4,406)	\$ (6,641)	\$ (30,608)	\$ (21,846)
Net loss per share attributable to ordinary shareholders, basic and diluted	\$ (0.25)	\$ (13.19)	\$ (2.77)	\$ (49.78)
Weighted average ordinary shares outstanding, basic and diluted	17,926,165	503,309	11,045,370	438,862

**Balance Sheets Data**  
(In thousands)  
(Unaudited)

**December 31,**  
**2019      2018**

Cash	\$ 92,117	\$ 63,380
Working capital	95,325	67,840
Total assets	110,194	81,626
Shareholders equity (deficit)	93,198	(69,826)

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