# SECURITIES AND EXCHANGE COMMISSION

**WASHINGTON, D.C. 20549**

# FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER**
**PURSUANT TO RULE 13a-16 OR 15d-16 OF**
**THE SECURITIES EXCHANGE ACT OF 1934**

***For the month of March 2018***

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# BioLineRx Ltd.

(Translation of registrant's name into English)

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**2 HaMa'ayan Street**
**Modi'in 7177871, Israel**
(Address of Principal Executive Offices)

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Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

**Form 20-F ☑ Form 40-F ☐**

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

**Yes ☐ No ☑**

On March 28, 2019, the registrant will issue the press release which is filed as Exhibit 1 to this Report on Form 6-K.

This Form 6-K, including all exhibits hereto, is hereby incorporated by reference into all effective registration statements filed by the registrant under the Securities Act of 1933.

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**BioLineRx Ltd.**

By: /s/ Philip Serlin
Philip Serlin
Chief Executive Officer

Dated: March 28, 2019

**Exhibit 1**

**For Immediate Release**

# BioLineRx Reports Year End 2018 Financial Results and Provides Corporate Update

***BL-8040 and AGI-134 oncology programs progressing, with multiple data read-outs expected in the next 12 months***

***Management to hold conference call today, March 28, at 10:00 am EDT***

TEL AVIV, Israel, March 28, 2019 -- BioLineRx Ltd. (NASDAQ: BLRX) (TASE: BLRX), a clinical-stage biopharmaceutical company focused on oncology, today reports its financial results for the year ended December 31, 2018 and provided a corporate update.

**Highlights and achievements during the fourth quarter 2018 and subsequent period:**

Presented data from Phase 2a COMBAT/KEYNOTE-202 pancreatic cancer study in collaboration with Merck at the ESMO 2018 Congress demonstrating that BL-8040 in combination with KEYTRUDA® (pembrolizumab) showed encouraging disease control and overall survival in patients with metastatic pancreatic cancer; compelling pharmacodynamic data also demonstrated T-cell infiltration into tumors and a reduction of the tumor immuno-suppressive microenvironment;

Initiated a triple combination arm of COMBAT/KEYNOTE-202 evaluating the safety, tolerability and efficacy of BL-8040 in combination with KEYTRUDA and chemotherapy;

Entered into agreement with Biokine Therapeutics to increase the Company's economic stake in BL-8040 to 80% from the previous level of 60%;

Initiated Phase 1/2a multicenter, open-label clinical study in the UK and Israel for AGI-134, a novel immunotherapy evoking a direct anti-tumor response and vaccine effect for the treatment of solid tumors;

- Announced FDA Orphan Drug Designation for BL-8040, for the treatment of pancreatic cancer. This is in addition to prior orphan drug designations received for BL-8040 in AML and stem cell mobilization;

- Announced FDA Biological Product Designation for AGI-134, providing the Company with eligibility to obtain 12 years of market exclusivity upon approval of the product for commercial use by the FDA; and

- Completed an underwritten public offering for gross proceeds of $15.4 million.

“During the fourth quarter, we continued to advance our novel pipeline of promising anti-cancer therapies toward significant and potentially value-creating milestones, and this progress was a key driver in our previously announced decision to acquire an additional 20% economic stake in BL-8040 from Biokine Therapeutics,” said Philip Serlin, Chief Executive Officer of BioLineRx. “In cancer immunotherapy, following the encouraging results we announced from the dual combination arm, we initiated the triple combination arm of the COMBAT/KEYNOTE-202 study evaluating our lead therapeutic candidate, BL-8040, in combination with Merck’s KEYTRUDA and chemotherapy for the treatment of metastatic pancreatic cancer, an indication for which we also recently received FDA Orphan Drug Designation.”

“In stem-cell mobilization, our most advanced indication, we continue to move forward with the Phase 3 GENESIS study in the randomized placebo-controlled phase of the trial, and we hope that we will be able to replicate the compelling results observed in the lead-in portion of the trial. Concurrently, in relapsed/refractory AML, we are evaluating our future development plan, and anticipate meeting with the regulatory authorities to discuss the plan during the second half of this year. In consolidation AML, we hope to announce interim data from the large, randomized placebo-controlled Phase 2b BLAST study by the end of this year as well.”

“Finally, our second oncology program, the cancer immunotherapy vaccine AGI-134, is also progressing as planned, with initial safety data from the ongoing Phase 1/2a study expected later this year. As we progress through 2019, we are rapidly approaching important data readouts that we believe can create significant shareholder value and additional partnering interest, and we look forward to providing future updates throughout the year.”

**Expected significant milestones through end of 2019 and early 2020:**

- Top-line results from the Phase 2 triple combo pancreatic cancer trial of BL-8040, KEYTRUDA and chemotherapy under collaboration with Merck toward the end of 2019;
- Potential interim results from Phase 2 AML consolidation study in the second half of 2019;
- Initial safety results from part 1 of Phase 1/2a trial for AGI-134 in second half of 2019;
- Top-line results from one or more of the solid tumor trials under collaboration with Genentech, potentially by end of 2019 or early 2020.

**Financial Results for the Year Ended December 31, 2018**

Research and development expenses for the year ended December 31, 2018 were $19.8 million, an increase of $0.3 million, or 1.5%, compared to $19.5 million for the year ended December 31, 2017. The small increase resulted primarily from an increase in share-based compensation.

Sales and marketing expenses for the year ended December 31, 2018 were $1.4 million, a decrease of $0.3 million, or 19.6%, compared to $1.7 million for the year ended December 31, 2017. The decrease resulted primarily from one-time legal fees related to AGI-134, as well as market research for BL-8040 and AGI-134, incurred in the 2017 period.

General and administrative expenses for the year ended December 31, 2018 were $4.4 million, an increase of $0.4 million, or 9.9% compared to $4.0 million for the year ended December 31, 2017. The increase resulted primarily from an increase in share-based compensation.

The Company's operating loss for the year ended December 31, 2018 amounted to $25.6 million, compared with an operating loss of $25.2 million for the year ended December 31, 2017.

Non-operating income amounted to $2.4 million for the year ended December 31, 2018, compared with non-operating expenses of $0.3 million for the year ended December 31, 2017. Non-operating income for the year ended December 31, 2018 primarily relates to fair-value adjustments of warrant liabilities and a capital gain from realization of the investment in iPharma. Non-operating expenses for the year ended December 31, 2017 primarily relate to fair-value adjustments of warrant liabilities.

Net financial income amounted to $0.2 million for the year ended December 31, 2018 compared to net financial income of $1.1 million for the year ended December 31, 2017. Net financial income for the year ended December 31, 2018 primarily relates to investment income earned on bank deposits, offset by interest paid on loans. Net financial income for the year ended December 31, 2017 relates primarily to gains recorded on foreign currency hedging transactions and investment income earned on bank deposits.

The Company's net loss for the year ended December 31, 2018 amounted to $23.0 million, compared with a net loss of $24.4 million for the year ended December 31, 2017.

The Company held $30.2 million in cash, cash equivalents and short-term bank deposits as of December 31, 2018. Subsequent to year end, the Company raised $15.4 million of gross proceeds from an underwritten public offering.

Net cash used in operating activities for the year ended December 31, 2018 was $24.2 million, compared to $20.5 million for the year ended December 31, 2017. The $3.7 million increase in 2018 was the result of a decrease in accounts payable and an increase in prepaid expenses and other receivables.

Net cash provided by investing activities for the year ended December 31, 2018 was $9.6 million, compared to net cash used in investing activities of $15.9 million for the year ended December 31, 2017. The changes in cash flows from investing activities relate primarily to investments in, and maturities of, short-term bank deposits during both periods, the acquisition of Agalimmune in 2017, and the acquisition of an additional 20% of BL-8040 sublicense receipts, as well as realization of the investment in iPharma, during 2018.

Net cash provided by financing activities for the year ended December 31, 2018 was $13.1 million, compared to $38.7 million for the year ended December 31, 2017. The cash flows in 2018 primarily reflect the net proceeds of the loan from Kreos Capital, as well as net proceeds from the ATM program. The cash flows in 2017 primarily reflect the underwritten public offering of our ADSs in March 2017 and the direct placement of ADSs and warrants to BVF Partners in July 2017.

**Conference Call and Webcast Information**

BioLineRx will hold a conference call today, March 28, 2019 at 10:00 a.m. EDT. To access the conference call, please dial +1-866-229-7198 from the U.S. or +972-3-918-0664 internationally. The call will also be available via webcast and can be accessed through the Investor Relations page of BioLineRx's website. Please allow extra time prior to the call to visit the site and download any necessary software to listen to the live broadcast.

A replay of the conference call will be available approximately two hours after completion of the live conference call on the Investor Relations page of BioLineRx's website. A dial-in replay of the call will be available until March 30, 2019; please dial +1-888-295-2634 from the U.S. or +972-3-925-5938 internationally.

**(Tables follow)**

**About BioLineRx**

BioLineRx is a clinical-stage biopharmaceutical company focused on oncology. The Company in-licenses novel compounds, develops them through pre-clinical and/or clinical stages, and then partners with pharmaceutical companies for advanced clinical development and/or commercialization.

BioLineRx's leading therapeutic candidates are: BL-8040, a cancer therapy platform, which has successfully completed a Phase 2a study for relapsed/refractory AML, is in the midst of a Phase 2b study as an AML consolidation treatment and has initiated a Phase 3 study in stem cell mobilization for autologous transplantation; and AGI-134, an immunotherapy treatment in development for multiple solid tumors, which has recently initiated a Phase 1/2a study. In addition, BioLineRx has a strategic collaboration with Novartis for the co-development of selected Israeli-sourced novel drug candidates; a collaboration agreement with MSD, on the basis of which the Company is conducting a Phase 2a study in pancreatic cancer using the combination of BL-8040 and KEYTRUDA® (pembrolizumab), and a collaboration agreement with Genentech, a member of the Roche Group, to investigate the combination of BL-8040 and Genentech's atezolizumab in several Phase 1b/2 studies for multiple solid tumor indications and AML.

For additional information on BioLineRx, please visit the Company's website at www.biolinerx.com, where you can review the Company's SEC filings, press releases, announcements and events. BioLineRx industry updates are also regularly updated on Facebook, Twitter, and LinkedIn.

*Various statements in this release concerning BioLineRx's future expectations constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements include words such as "may," "expects," "anticipates," "believes," and "intends," and describe opinions about future events. These forward-looking statements involve known and unknown risks and uncertainties that may cause the actual results, performance or achievements of BioLineRx to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Some of these risks are: changes in relationships with collaborators; the impact of competitive products and technological changes; risks relating to the development of new products; and the ability to implement technological improvements. These and other factors are more fully discussed in the "Risk Factors" section of BioLineRx's most recent annual report on Form 20-F filed with the Securities and Exchange Commission on March 28, 2019. In addition, any forward-looking statements represent BioLineRx's views only as of the date of this release and should not be relied upon as representing its views as of any subsequent date. BioLineRx does not assume any obligation to update any forward-looking statements unless required by law.*

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**BioLineRx Ltd.**

CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

| | December 31, | |
|---|---|---|
| | 2017 | 2018 |
| | in USD thousands | |
| **Assets** | | |
| **CURRENT ASSETS** | | |
| Cash and cash equivalents | 5,110 | 3,404 |
| Short-term bank deposits | 44,373 | 26,747 |
| Prepaid expenses | 307 | 488 |
| Other receivables | 586 | 1,339 |
| Total current assets | 50,376 | 31,978 |
| **NON-CURRENT ASSETS** | | |
| Long-term prepaid expenses | 61 | 56 |
| Long-term investment | 1,000 | - |
| Property and equipment, net | 2,505 | 2,227 |
| Intangible assets, net | 7,023 | 21,972 |
| Total non-current assets | 10,589 | 24,255 |
| **Total assets** | 60,965 | 56,233 |
| **Liabilities and equity** | | |
| **CURRENT LIABILITIES** | | |
| Current maturities of long-term loans | 93 | 895 |
| Accounts payable and accruals: | | |
| Trade | 5,516 | 4,493 |
| Other | 1,113 | 1,363 |
| Total current liabilities | 6,722 | 6,751 |
| **NON-CURRENT LIABILITIES** | | |
| Long-term loans, net of current maturities | 157 | 7,838 |
| Warrants | 1,205 | 323 |
| Total non-current liabilities | 1,362 | 8,161 |
| **COMMITMENTS AND CONTINGENT LIABILITIES** | | |
| Total liabilities | 8,084 | 14,912 |
| **EQUITY** | | |
| Ordinary shares | 2,836 | 3,110 |
| Share premium | 240,682 | 250,192 |
| Capital reserve | 10,337 | 11,955 |
| Other comprehensive loss | (1,416) | (1,416) |
| Accumulated deficit | (199,558) | (222,520) |
| Total equity | 52,881 | 41,321 |
| **Total liabilities and equity** | 60,965 | 56,233 |

**BioLineRx Ltd.**

CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS

| | Year ended December 31, | | |
|---|---|---|---|
| | 2016 | 2017 | 2018 |
| | in USD thousands | | |
| **RESEARCH AND DEVELOPMENT EXPENSES** | (11,177) | (19,510) | (19,808) |
| **SALES AND MARKETING EXPENSES** | (1,352) | (1,693) | (1,362) |
| **GENERAL AND ADMINISTRATIVE EXPENSES** | (3,984) | (4,037) | (4,435) |
| **OPERATING LOSS** | (16,513) | (25,240) | (25,605) |
| **NON-OPERATING INCOME (EXPENSES), NET** | 214 | (260) | 2,397 |
| **FINANCIAL INCOME** | 480 | 1,169 | 719 |
| **FINANCIAL EXPENSES** | (22) | (21) | (473) |
| **NET LOSS AND COMPREHENSIVE LOSS** | (15,841) | (24,352) | (22,962) |
| | in USD | | |
| **LOSS PER ORDINARY SHARE – BASIC AND DILUTED** | (0.28) | (0.27) | (0.21) |
| **WEIGHTED AVERAGE NUMBER OF SHARES USED IN CALCULATION OF LOSS PER ORDINARY SHARE** | 56,144,727 | 89,970,713 | 108,595,702 |

**BioLineRx Ltd.**

STATEMENTS OF CHANGES IN EQUITY

| | Ordinary shares | Share premium | Capital reserve | Other comprehensive loss | Accumulated deficit | Total |
|---|---|---|---|---|---|---|
| | in USD thousands | | | | | |
| **BALANCE AT JANUARY 1, 2016** | 1,455 | 196,201 | 10,735 | (1,416) | (159,365) | 47,610 |
| **CHANGES IN 2016:** | | | | | | |
| Issuance of share capital, net | 57 | 2,126 | - | - | - | 2,183 |
| Employee stock options exercised | 1 | 171 | (172) | - | - | - |
| Employee stock options expired | - | 1,069 | (1,069) | - | - | - |
| Share-based compensation | - | - | 1,075 | - | - | 1,075 |
| Comprehensive loss for the year | - | - | - | - | (15,841) | (15,841) |
| **BALANCE AT DECEMBER 31, 2016** | 1,513 | 199,567 | 10,569 | (1,416) | (175,206) | 35,027 |
| **CHANGES IN 2017:** | | | | | | |
| Issuance of share capital, net | 1,322 | 39,376 | - | - | - | 40,698 |
| Employee stock options exercised | 1 | 328 | (329) | - | - | - |
| Employee stock options expired | - | 1,411 | (1,411) | - | - | - |
| Share-based compensation | - | - | 1,508 | - | - | 1,508 |
| Comprehensive loss for the year | - | - | - | - | (24,352) | (24,352) |
| **BALANCE AT DECEMBER 31, 2017** | 2,836 | 240,682 | 10,337 | (1,416) | (199,558) | 52,881 |
| **CHANGES IN 2018:** | | | | | | |
| Issuance of share capital, net | 263 | 8,567 | - | - | - | 8,830 |
| Employee stock options exercised | 11 | 415 | (380) | - | - | 46 |
| Employee stock options expired | - | 528 | (528) | - | - | - |
| Share-based compensation | - | - | 2,526 | - | - | 2,526 |
| Comprehensive loss for the year | - | - | - | - | (22,962) | (22,962) |
| **BALANCE AT DECEMBER 31, 2018** | 3,110 | 250,192 | 11,955 | (1,416) | (222,520) | 41,321 |

**BioLineRx Ltd.**

CONSOLIDATED CASH FLOW STATEMENTS

| | Year ended December 31, | | |
|---|---|---|---|
| | **2016** | **2017** | **2018** |
| | | **in USD thousands** | |
| **CASH FLOWS - OPERATING ACTIVITIES** | | | |
| Net loss | (15,841) | (24,352) | (22,962) |
| Adjustments required to reflect net cash used in operating activities (see appendix below) | 1,328 | 3,805 | (1,230) |
| Net cash used in operating activities | (14,513) | (20,547) | (24,192) |
| | | | |
| **CASH FLOWS - INVESTING ACTIVITIES** | | | |
| Increase in long-term investment | - | (1,000) | - |
| Realization of long-term investment | | | 1,500 |
| Investments in short-term deposits | (32,982) | (44,016) | (26,500) |
| Maturities of short-term deposits | 42,334 | 33,327 | 44,771 |
| Purchase of property and equipment | (52) | (338) | (173) |
| Purchase of intangible assets | (3) | (3,900) | (10,043) |
| Net cash provided by (used in) investing activities | 9,297 | (15,927) | 9,555 |
| | | | |
| **CASH FLOWS - FINANCING ACTIVITIES** | | | |
| Issuance of share capital and warrants, net of issuance costs | 2,183 | 38,773 | 3,830 |
| Employee stock options exercised | - | - | 46 |
| Proceeds of long-term loan and warrants, net of issuance costs | - | - | 9,632 |
| Repayment of long-term loan | - | - | (318) |
| Repayments of bank loan | (93) | (93) | (93) |
| Net cash provided by financing activities | 2,090 | 38,680 | 13,097 |
| | | | |
| **INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS** | (3,126) | 2,206 | (1,540) |
| **CASH AND CASH EQUIVALENTS - BEGINNING OF YEAR** | 5,544 | 2,469 | 5,110 |
| **EXCHANGE DIFFERENCES ON CASH AND CASH EQUIVALENTS** | 51 | 435 | (166) |
| **CASH AND CASH EQUIVALENTS - END OF YEAR** | 2,469 | 5,110 | 3,404 |

**BioLineRx Ltd.**

CONSOLIDATED CASH FLOW STATEMENTS

| | Year ended December 31, | | |
|---|---|---|---|
| | 2016 | 2017 | 2018 |
| | in USD thousands | | |
| **APPENDIX** | | | |
| **Adjustments required to reflect net cash used in operating activities:** | | | |
| **Income and expenses not involving cash flows:** | | | |
| Depreciation and amortization | 482 | 481 | 545 |
| Long-term prepaid expenses | 6 | (9) | 5 |
| Exchange differences on cash and cash equivalents | (51) | (435) | 166 |
| Loss (gain) on adjustment of warrants to fair value | (207) | 127 | (1,743) |
| Share-based compensation | 1,075 | 1,508 | 2,526 |
| Interest and exchange differences on short-term deposits | (387) | (530) | (645) |
| Interest and linkage differences on loans | (1) | - | 123 |
| Gain on realization of long-term investment | - | - | (500) |
| Warrant issuance costs | - | 17 | - |
| | 917 | 1,159 | 477 |
| **Changes in operating asset and liability items:** | | | |
| Decrease (increase) in prepaid expenses and other receivables | 42 | (415) | (934) |
| Increase (decrease) in accounts payable and accruals | 369 | 3,061 | (773) |
| | 411 | 2,646 | (1,707) |
| | 1,328 | 3,805 | (1,230) |
| **Supplemental information on interest received in cash** | 453 | 494 | 834 |
| **Supplemental information on non-cash transactions** | - | 2,985 | 5,000 |