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**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 May 2025*

Commission file number: 001-35223

**BioLineRx Ltd.**

(Translation of registrant's name into English)

**2 HaMa'ayan Street  
Modi'in 7177871, Israel**

(Address of Principal Executive Offices)

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** ☐

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On May 27, 2025, the Registrant issued a press release announcing its financial results for the three months ended March 31, 2025. The Registrant is also publishing its unaudited interim consolidated financial statements, as well as its operating and financial review, as of March 31, 2025 and for the three months then ended. Attached hereto are the following exhibits:

[Exhibit 1: Registrant's press release dated May 27, 2025;](#)

[Exhibit 2: Registrant's condensed consolidated interim financial statements as of March 31, 2025 and for the three months then ended; and](#)

[Exhibit 3: Registrant's operating and financial review as of March 31, 2025 and for the three months then ended.](#)

This Form 6-K, the text under the heading "Financial Results for the Quarter Ended March 31, 2025" in Exhibit 1, Exhibit 2 and Exhibit 3 are hereby incorporated by reference into all effective registration statements filed by the registrant under the Securities Act of 1933.

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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 A. Serlin  
Philip A. Serlin  
Chief Executive Officer

Dated: May 27, 2025

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**For Immediate Release**

**BioLineRx Reports First Quarter 2025 Financial Results and Provides Corporate Update**

*- Reports continued progress in the evaluation of assets for potential in-licensing and development in the areas of oncology and rare disease -*

*- New data from pilot phase of ongoing CheMo4METPANC Phase 2b combination trial of motixafortide in PDAC, sponsored by Columbia University, to be presented at upcoming 2025 ASCO Annual Meeting –*

*- APHEXDA performing well under Ayrmid stewardship -*

*- Management to host conference call today, May 27<sup>th</sup>, at 8:30 am EDT -*

**TEL AVIV, Israel, May 27, 2025** – BioLineRx Ltd. (NASDAQ/TASE: BLRX), a development stage biopharmaceutical company pursuing life-changing therapies in oncology and rare diseases, today reported its unaudited financial results for the quarter ended March 31, 2025, and provided a corporate update.

“Following our announcement last November that we out-licensed APHEXDA®, our FDA-approved stem cell mobilization agent, to Ayrmid Ltd., we have been actively evaluating new assets in the areas of oncology and rare disease where we can leverage our drug development and regulatory expertise to bring new medicines to market,” said Philip Serlin, Chief Executive Officer of BioLineRx. “I remain optimistic that we will announce a meaningful transaction this year.”

“At the same time, APHEXDA is performing well under the stewardship of Ayrmid, and I believe this license agreement will contribute significant long-term value to our company,” Mr. Serlin concluded.

**Financial Updates**

- Completed financing in January 2025 raising gross proceeds of \$10 million.
  - Successfully reduced operating expense run rate by over 70% beginning January 1, 2025, through the APHEXDA program transfer to Ayrmid and the resulting shutdown of the Company's U.S. commercial operations in Q4 2024, as well as additional headcount and other operating expense reductions.
  - Reaffirms cash runway through the second half of 2026.
-

#### **APHEXDA Performance Update**

- APHEXDA generated sales of \$1.4 million in the first quarter of 2025, providing royalty revenues to the Company of \$0.3 million.

#### **Clinical Updates**

##### ***Motixafortide***

##### ***Pancreatic Ductal Adenocarcinoma (mPDAC)***

- Additional trial sites were activated for the CheMo4METPANC Phase 2b clinical trial, which is expected to have a positive impact on patient recruitment. Full enrollment in the randomized trial, which is being led by Columbia University, and supported by both Regeneron and BioLineRx, is planned for completion in 2027, with a prespecified interim analysis planned when 40% of progression free survival (PFS) events are observed.
- An abstract featuring updated data from the pilot phase of the ongoing CheMo4METPANC clinical trial has been accepted for a poster presentation at the 2025 ASCO Annual Meeting on Saturday, May 31<sup>st</sup>. Key highlights include:
  - Two patients underwent definitive treatment for metastatic pancreatic cancer: one had complete resolution of all radiologically detected liver lesions and underwent definitive radiation to the primary pancreatic tumor, and one had a sustained partial response and underwent pancreaticoduodenectomy with pathology demonstrating a complete response.
  - An analysis of pre- and on-treatment biopsies revealed that CD8+ T-cell tumor infiltration increased across all eleven patients treated with the motixafortide combination.

##### ***Sickle Cell Disease (SCD) & Gene Therapy***

- Enrollment is continuing into the multi-center Phase 1 clinical trial evaluating motixafortide for the mobilization of CD34+ hematopoietic stem cells (HSCs) used in the development of gene therapies for patients with Sickle Cell Disease (SCD). The trial is sponsored by St. Jude Children's Research Hospital.
- Reported continued progress of a Phase 1 clinical trial evaluating motixafortide as monotherapy and in combination with natalizumab for stem cell mobilization for gene therapies in sickle cell disease. The trial is sponsored by Washington University School of Medicine in St. Louis.

#### **Financial Results for the Quarter Ended March 31, 2025**

- Revenues for the three-month period ended March 31, 2025 were \$0.3 million, a decrease of \$6.6 million, compared to revenues of \$6.9 million for the three-month period ended March 31, 2024. The significant decrease in revenues from 2024 to 2025 reflects the one-time revenues recorded in 2024 relating to the out-licensing transaction with Gloria during the fourth quarter of 2023, as well as the change in the Company's operations following the out-licensing of APHEXDA to Ayrmid during the fourth quarter of 2024. The revenues in 2025 reflect the royalties paid by Ayrmid from the commercialization of APHEXDA in stem cell mobilization in the U.S. The revenues in 2024 primarily reflect a portion of the up-front payment received by the Company and a milestone payment achieved under the license agreement with Gloria, which collectively amounted to \$5.9 million, as well as \$0.9 million of net revenues from product sales of APHEXDA in the U.S.
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- Cost of revenues for the three-month period ended March 31, 2025 was immaterial, compared to cost of revenues of \$1.5 million for the three-month period ended March 31, 2024. The cost of revenues in 2025 reflects sub-license fees on royalties paid by Ayrmid from the commercialization of APHEXDA in stem cell mobilization in the U.S. The cost of revenues in 2024 primarily reflects sub-license fees on a milestone payment received under the Gloria license agreement and royalties on net product sales of APHEXDA in the U.S., as well as amortization of intangible assets and cost of goods sold on product sales.
- Research and development expenses for the three months ended March 31, 2025 were \$1.6 million, a decrease of \$0.9 million, or 34.9%, compared to \$2.5 million for the three months ended March 31, 2024. The decrease resulted primarily from lower expenses related to motixafortide due to the out-licensing of U.S. rights to Ayrmid, as well as a decrease in payroll and share-based compensation, primarily due to a decrease in headcount.
- There were no sales and marketing expenses for the three months ended March 31, 2025, compared to \$6.3 million for the three months ended March 31, 2024. The decrease resulted primarily from the shutdown of U.S. commercial operations in the fourth quarter of 2024 following the Ayrmid out-licensing transaction.
- General and administrative expenses for the three months ended March 31, 2025 were \$1.0 million, a decrease of \$0.4 million, or 28.6%, compared to \$1.4 million for the three months ended March 31, 2024. The decrease resulted primarily from a decrease in payroll and share-based compensation, primarily due to a decrease in headcount, as well as small decreases in a number of general and administrative expenses.
- Net non-operating income for the three months ended March 31, 2025 was \$7.6 million, compared to net non-operating income of \$4.5 million for the three months ended March 31, 2024. Non-operating income for both periods primarily relates to fair-value adjustments of warrant liabilities on the balance sheet, as a result of changes in the Company's share price.
- Net financial expenses for the three months ended March 31, 2025 were \$0.1 million, compared to net financial expenses of \$0.4 million for the three months ended March 31, 2024. Net financial expenses for both periods primarily relate to loan interest paid, partially offset by investment income earned on bank deposits.
- Net income for the quarter ended March 31, 2025 was \$5.1 million, compared to \$0.7 million for the quarter ended March 31, 2024.
- As of March 31, 2025, the Company had cash, cash equivalents, and short-term bank deposits of \$26.4 million

#### **Conference Call and Webcast Information**

To access the conference call, please dial +1-888-281-1167 from the U.S. or +972-3-918-0685 internationally. A live webcast and a replay of the call can be accessed through the [event page](#) on the Company'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. The call replay will be available approximately two hours after completion of the live conference call. A dial-in replay of the call will be available until May 29, 2025; please dial +1-888-295-2634 from the US or +972-3-925-5904 internationally.

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## About BioLineRx

BioLineRx Ltd. (NASDAQ/TASE: BLRX) is a biopharmaceutical company pursuing life-changing therapies in oncology and rare diseases. The Company's first approved product is APHEXDA® (motixafortide), with an indication in the U.S. for stem cell mobilization for autologous transplantation in multiple myeloma, which is being developed and commercialized by Ayrmid Ltd. (globally, excluding Asia) and Gloria Biosciences (in Asia). BioLineRx is utilizing its end-to-end expertise in development, regulatory affairs and manufacturing to advance its innovative pipeline and ensure life-changing discoveries move beyond the bench to the bedside.

Learn more about who we are, what we do, and how we do it at [www.bioglinerx.com](http://www.bioglinerx.com), or on [Twitter](#) and [LinkedIn](#).

## Forward Looking Statement

*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 "anticipates," "believes," "could," "estimates," "expects," "intends," "may," "plans," "potential," "predicts," "projects," "should," "will," and "would," and describe opinions about future events. These include statements regarding management's expectations, beliefs and intentions regarding, among other things, the potential success of the license agreement with Ayrmid and the commercial potential of motixafortide, expectations with regard to clinical trials of motixafortide, the expected cash runway, and BioLineRx's business strategy. These forward-looking statements involve known and unknown risks, uncertainties and other factors 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. Factors that could cause BioLineRx's actual results to differ materially from those expressed or implied in such forward-looking statements include, but are not limited to: the clinical development, commercialization and market acceptance of BioLineRx's therapeutic candidates, including the degree and pace of market uptake of APHEXDA for the mobilization of hematopoietic stem cells for autologous transplantation in multiple myeloma patients; the initiation, timing, progress and results of BioLineRx's preclinical studies, clinical trials, and other therapeutic candidate development efforts; BioLineRx's ability to advance its therapeutic candidates into clinical trials or to successfully complete its preclinical studies or clinical trials, whether the clinical trial results for APHEXDA will be predictive of real-world results; BioLineRx's receipt of regulatory approvals for its therapeutic candidates, and the timing of other regulatory filings and approvals; whether access to APHEXDA is achieved in a commercially viable manner and whether APHEXDA receives adequate reimbursement from third-party payors; BioLineRx's ability to establish, manage, and maintain corporate collaborations, as well as the ability of BioLineRx's collaborators to execute on their development and commercialization plans; BioLineRx's ability to integrate new therapeutic candidates and new personnel as well as new collaborations; the interpretation of the properties and characteristics of BioLineRx's therapeutic candidates and of the results obtained with its therapeutic candidates in preclinical studies or clinical trials; the implementation of BioLineRx's business model and strategic plans for its business and therapeutic candidates; the scope of protection BioLineRx is able to establish and maintain for intellectual property rights covering its therapeutic candidates and its ability to operate its business without infringing the intellectual property rights of others; estimates of BioLineRx's expenses, future revenues, capital requirements and its needs for and ability to access sufficient additional financing; risks related to changes in healthcare laws, rules and regulations in the United States or elsewhere; competitive companies, technologies and BioLineRx's industry; BioLineRx's ability to maintain the listing of its ADSs on Nasdaq; and statements as to the impact of the political and security situation in Israel on BioLineRx's business, which may exacerbate the magnitude of the factors discussed above. 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 31, 2025. 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.**  
CONDENSED CONSOLIDATED INTERIM STATEMENTS OF FINANCIAL POSITION  
(UNAUDITED)

	<u>December 31,</u> <u>2024</u>	<u>March 31,</u> <u>2025</u>
	<u>in USD thousands</u>	
<b>Assets</b>		
<b>CURRENT ASSETS</b>		
Cash and cash equivalents	10,436	9,036
Short-term bank deposits	9,126	17,333
Trade receivables	2,476	1,469
Prepaid expenses	443	312
Other receivables	1,478	452
Inventory	3,145	3,315
Total current assets	<u>27,104</u>	<u>31,917</u>
<b>NON-CURRENT ASSETS</b>		
Property and equipment, net	386	299
Right-of-use assets, net	967	863
Intangible assets, net	10,449	10,431
Total non-current assets	<u>11,802</u>	<u>11,593</u>
<b>Total assets</b>	<u><u>38,906</u></u>	<u><u>43,510</u></u>
<b>Liabilities and equity</b>		
<b>CURRENT LIABILITIES</b>		
Current maturities of long-term loan	4,479	4,684
Accounts payable and accruals:		
Trade	5,583	4,693
Other	3,131	1,751
Current maturities of lease liabilities	522	440
Warrants	1,691	2,462
Total current liabilities	<u>15,406</u>	<u>14,030</u>
<b>NON-CURRENT LIABILITIES</b>		
Long-term loan, net of current maturities	8,958	7,633
Lease liabilities	1,081	985
Total non-current liabilities	<u>10,039</u>	<u>8,618</u>
<b>COMMITMENTS AND CONTINGENT LIABILITIES</b>		
Total liabilities	<u>25,445</u>	<u>22,648</u>
<b>EQUITY</b>		
Ordinary shares	38,097	62,570
Share premium	353,693	333,627
Warrants	5,367	3,686
Capital reserve	17,547	17,095
Other comprehensive loss	(1,416)	(1,416)
Accumulated deficit	(399,827)	(394,700)
Total equity	<u>13,461</u>	<u>20,862</u>
<b>Total liabilities and equity</b>	<u><u>38,906</u></u>	<u><u>43,510</u></u>



**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM STATEMENTS OF COMPREHENSIVE INCOME (LOSS)  
(UNAUDITED)

	Three months ended March 31,	
	2024	2025
	in USD thousands	
<b>REVENUES:</b>		
License revenues	5,931	255
Product sales, net	924	-
Total revenues	6,855	255
<b>COST OF REVENUES</b>	(1,455)	(34)
<b>GROSS PROFIT</b>	5,400	221
<b>RESEARCH AND DEVELOPMENT EXPENSES</b>	(2,494)	(1,623)
<b>SALES AND MARKETING EXPENSES</b>	(6,342)	-
<b>GENERAL AND ADMINISTRATIVE EXPENSES</b>	(1,386)	(989)
<b>OPERATING LOSS</b>	(4,822)	(2,391)
<b>NON-OPERATING INCOME (EXPENSES), NET</b>	4,490	7,644
<b>FINANCIAL INCOME</b>	565	294
<b>FINANCIAL EXPENSES</b>	(929)	(420)
<b>NET INCOME (LOSS) AND COMPREHENSIVE INCOME (LOSS)</b>	(696)	5,127
	<b>in USD</b>	
<b>EARNINGS )LOSS( PER ORDINARY SHARE - BASIC AND DILUTED</b>	(0.00)	0.00
<b>WEIGHTED AVERAGE NUMBER OF SHARES USED IN CALCULATION OF EARNINGS )LOSS( PER ORDINARY SHARE</b>	1,086,589,165	2,217,728,234

**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM STATEMENTS OF CHANGES IN EQUITY  
(UNAUDITED)

	Ordinary shares	Share premium	Warrants	Capital reserve in USD thousands	Other comprehensive loss	Accumulated deficit	Total
<b>BALANCE AT JANUARY 1, 2024</b>	31,355	355,482	1,408	17,000	(1,416)	(390,606)	13,223
<b>CHANGES FOR THREE MONTHS ENDED MARCH 31, 2024:</b>							
Share-based compensation	-	-	-	533	-	-	533
Comprehensive loss for the period	-	-	-	-	-	(696)	(696)
<b>BALANCE AT MARCH 31, 2024</b>	31,355	355,482	1,408	17,533	(1,416)	(391,302)	13,060
	Ordinary shares	Share premium	Warrants	Capital reserve in USD thousands	Other comprehensive loss	Accumulated deficit	Total
<b>BALANCE AT JANUARY 1, 2025</b>	38,097	353,693	5,367	17,547	(1,416)	(399,827)	13,461
<b>CHANGES FOR THREE MONTHS ENDED MARCH 31, 2025:</b>							
Issuance of share capital, pre- funded warrants and warrants, net	16,415	(14,836)	501	-	-	-	2,080
Pre-funded warrants exercised	8,058	(5,876)	(2,182)	-	-	-	-
Employee stock options expired	-	646	-	(646)	-	-	-
Share-based compensation	-	-	-	194	-	-	194
Comprehensive income for the period	-	-	-	-	-	5,127	5,127
<b>BALANCE AT MARCH 31, 2025</b>	62,570	333,627	3,686	17,095	(1,416)	(394,700)	20,862

**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM CASH FLOW STATEMENTS  
(UNAUDITED)

	Three months ended March 31,	
	2024	2025
	in USD thousands	
<b>CASH FLOWS - OPERATING ACTIVITIES</b>		
Comprehensive income (loss) for the period	(696)	5,127
Adjustments required to reflect net cash used in operating activities (see appendix below)	(13,413)	(7,718)
Net cash used in operating activities	(14,109)	(2,591)
<b>CASH FLOWS - INVESTING ACTIVITIES</b>		
Investments in short-term deposits	-	(12,307)
Maturities of short-term deposits	16,719	4,130
Purchase of property and equipment	(32)	-
Net cash provided by (used in) investing activities	16,687	(8,177)
<b>CASH FLOWS - FINANCING ACTIVITIES</b>		
Issuance of share capital, pre-funded warrants and warrants, net of issuance costs	-	10,697
Repayments of loan	(765)	(1,120)
Repayments of lease liabilities	(129)	(127)
Net cash provided by (used in) financing activities	(894)	9,450
<b>INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>	1,684	(1,318)
<b>CASH AND CASH EQUIVALENTS – BEGINNING OF PERIOD</b>	4,255	10,436
<b>EXCHANGE DIFFERENCES ON CASH AND CASH EQUIVALENTS</b>	51	(82)
<b>CASH AND CASH EQUIVALENTS - END OF PERIOD</b>	5,990	9,036

**BioLineRx Ltd.**  
APPENDIX TO CONDENSED CONSOLIDATED INTERIM CASH FLOW STATEMENTS  
(UNAUDITED)

	Three months ended	
	March 31,	
	2024	2025
	in USD thousands	
Adjustments required to reflect net cash used in operating activities:		
Income and expenses not involving cash flows:		
Depreciation and amortization	897	165
Exchange differences on cash and cash equivalents	(51)	82
Fair value adjustments of warrants	(4,444)	(8,311)
Warrant issuance costs	-	702
Share-based compensation	533	194
Interest on short-term deposits	(163)	(30)
Interest on loan	610	-
Exchange differences on lease liabilities	(25)	(7)
	(2,643)	(7,205)
Changes in operating asset and liability items:		
Decrease (increase) in trade receivables	(2,474)	1,007
Increase in inventory	(936)	(170)
Decrease in prepaid expenses and other receivables	81	1,157
Decrease in accounts payable and accruals	(3,511)	(2,507)
Decrease in contract liabilities	(3,930)	-
	(10,770)	(513)
	(13,413)	(7,718)
Supplemental information on interest received in cash		
	357	236
Supplemental information on interest paid in cash		
	255	361
Supplemental information on non-cash transactions:		
Changes in right-of-use asset and lease liabilities	32	44
Warrant issuance costs	-	237

**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)  
AS OF MARCH 31, 2025

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**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)  
AS OF MARCH 31, 2025

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**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM STATEMENTS OF FINANCIAL POSITION  
(UNAUDITED)

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	<b>2024</b>	<b>2025</b>
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Accumulated deficit	(399,827)	(394,700)
<b>Total equity</b>	<b>13,461</b>	<b>20,862</b>
<b>Total liabilities and equity</b>	<b>38,906</b>	<b>43,510</b>

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM STATEMENTS OF COMPREHENSIVE INCOME (LOSS)  
(UNAUDITED)

	Three months ended March 31,	
	2024	2025
	in USD thousands	
<b>REVENUES:</b>		
License revenues	5,931	255
Product sales, net	924	-
Total revenues	6,855	255
<b>COST OF REVENUES</b>	(1,455)	(34)
<b>GROSS PROFIT</b>	5,400	221
<b>RESEARCH AND DEVELOPMENT EXPENSES</b>	(2,494)	(1,623)
<b>SALES AND MARKETING EXPENSES</b>	(6,342)	-
<b>GENERAL AND ADMINISTRATIVE EXPENSES</b>	(1,386)	(989)
<b>OPERATING LOSS</b>	(4,822)	(2,391)
<b>NON-OPERATING INCOME (EXPENSES), NET</b>	4,490	7,644
<b>FINANCIAL INCOME</b>	565	294
<b>FINANCIAL EXPENSES</b>	(929)	(420)
<b>NET INCOME (LOSS) AND COMPREHENSIVE INCOME (LOSS)</b>	(696)	5,127
	<b>in USD</b>	
<b>EARNINGS (LOSS) PER ORDINARY SHARE - BASIC AND DILUTED</b>	(0.00)	0.00
<b>WEIGHTED AVERAGE NUMBER OF SHARES USED IN CALCULATION OF EARNINGS (LOSS) PER ORDINARY SHARE</b>	1,086,589,165	2,217,728,234

The accompanying notes are an integral part of these condensed consolidated interim financial statements.



**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM STATEMENTS OF CHANGES IN EQUITY  
(UNAUDITED)

	<u>Ordinary shares</u>	<u>Share premium</u>	<u>Warrants</u>	<u>Capital reserve in USD thousands</u>	<u>Other comprehensive loss</u>	<u>Accumulated deficit</u>	<u>Total</u>
<b>BALANCE AT JANUARY 1, 2024</b>	31,355	355,482	1,408	17,000	(1,416)	(390,606)	13,223
<b>CHANGES FOR THREE MONTHS ENDED MARCH 31, 2024:</b>							
Share-based compensation	-	-	-	533	-	-	533
Comprehensive loss for the period	-	-	-	-	-	(696)	(696)
<b>BALANCE AT MARCH 31, 2024</b>	<u>31,355</u>	<u>355,482</u>	<u>1,408</u>	<u>17,533</u>	<u>(1,416)</u>	<u>(391,302)</u>	<u>13,060</u>
	<u>Ordinary shares</u>	<u>Share premium</u>	<u>Warrants</u>	<u>Capital reserve in USD thousands</u>	<u>Other comprehensive loss</u>	<u>Accumulated deficit</u>	<u>Total</u>
<b>BALANCE AT JANUARY 1, 2025</b>	38,097	353,693	5,367	17,547	(1,416)	(399,827)	13,461
<b>CHANGES FOR THREE MONTHS ENDED MARCH 31, 2025:</b>							
Issuance of share capital, pre- funded warrants and warrants, net	16,415	(14,836)	501	-	-	-	2,080
Pre-funded warrants exercised	8,058	(5,876)	(2,182)	-	-	-	-
Employee stock options expired	-	646	-	(646)	-	-	-
Share-based compensation	-	-	-	194	-	-	194
Comprehensive income for the period	-	-	-	-	-	5,127	5,127
<b>BALANCE AT MARCH 31, 2025</b>	<u>62,570</u>	<u>333,627</u>	<u>3,686</u>	<u>17,095</u>	<u>(1,416)</u>	<u>(394,700)</u>	<u>20,862</u>

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

**BioLineRx Ltd.**  
CONDENSED CONSOLIDATED INTERIM CASH FLOW STATEMENTS  
(UNAUDITED)

	Three months ended March 31,	
	2024	2025
	in USD thousands	
<b>CASH FLOWS - OPERATING ACTIVITIES</b>		
Comprehensive income (loss) for the period	(696)	5,127
Adjustments required to reflect net cash used in operating activities (see appendix below)	(13,413)	(7,718)
Net cash used in operating activities	(14,109)	(2,591)
<b>CASH FLOWS - INVESTING ACTIVITIES</b>		
Investments in short-term deposits	-	(12,307)
Maturities of short-term deposits	16,719	4,130
Purchase of property and equipment	(32)	-
Net cash provided by (used in) investing activities	16,687	(8,177)
<b>CASH FLOWS - FINANCING ACTIVITIES</b>		
Issuance of share capital, pre-funded warrants and warrants, net of issuance costs	-	10,697
Repayments of loan	(765)	(1,120)
Repayments of lease liabilities	(129)	(127)
Net cash provided by (used in) financing activities	(894)	9,450
<b>INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>	1,684	(1,318)
<b>CASH AND CASH EQUIVALENTS – BEGINNING OF PERIOD</b>	4,255	10,436
<b>EXCHANGE DIFFERENCES ON CASH AND CASH EQUIVALENTS</b>	51	(82)
<b>CASH AND CASH EQUIVALENTS - END OF PERIOD</b>	5,990	9,036

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

**BioLineRx Ltd.**  
APPENDIX TO CONDENSED CONSOLIDATED INTERIM CASH FLOW STATEMENTS  
(UNAUDITED)

	Three months ended	
	March 31,	
	2024	2025
	in USD thousands	
Adjustments required to reflect net cash used in operating activities:		
Income and expenses not involving cash flows:		
Depreciation and amortization	897	165
Exchange differences on cash and cash equivalents	(51)	82
Fair value adjustments of warrants	(4,444)	(8,311)
Warrant issuance costs	-	702
Share-based compensation	533	194
Interest on short-term deposits	(163)	(30)
Interest on loan	610	-
Exchange differences on lease liabilities	(25)	(7)
	(2,643)	(7,205)
Changes in operating asset and liability items:		
Decrease (increase) in trade receivables	(2,474)	1,007
Increase in inventory	(936)	(170)
Decrease in prepaid expenses and other receivables	81	1,157
Decrease in accounts payable and accruals	(3,511)	(2,507)
Decrease in contract liabilities	(3,930)	-
	(10,770)	(513)
	(13,413)	(7,718)
Supplemental information on interest received in cash		
	357	236
Supplemental information on interest paid in cash		
	255	361
Supplemental information on non-cash transactions:		
Changes in right-of-use asset and lease liabilities	32	44
Warrant issuance costs	-	237

The accompanying notes are an integral part of these condensed consolidated interim financial statements.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 1 – GENERAL INFORMATION**

**a. General**

BioLineRx Ltd. (“BioLineRx”), headquartered in Modi’in, Israel, was incorporated and commenced operations in April 2003. BioLineRx and its subsidiaries (collectively, the “Company”) are engaged in the development (primarily in clinical stages) and commercialization of therapeutics, with a focus on the fields of oncology and hematology.

The Company’s American Depositary Shares (“ADSs”) are traded on the NASDAQ Capital Market, and its ordinary shares are traded on the Tel Aviv Stock Exchange. Each ADS represents 600 ordinary shares.

The Company has two substantially wholly owned subsidiaries: (i) BioLineRx USA, Inc., incorporated in the U.S., and engaged in commercialization activities associated with the launch of motixafortide for stem-cell mobilization in the U.S.; and (ii) Agalimmune Ltd., incorporated in the United Kingdom, and engaged in clinical development activities with a focus on the field of immuno-oncology. In December 2023, the Company notified the former shareholders of Agalimmune Ltd. of its decision to terminate the development of AGI-134, the principal asset of Agalimmune Ltd., with an effective termination date of March 15, 2024, and, accordingly, substantially all amounts related to Agalimmune Ltd. in the consolidated financial statements were written-off in 2023. It is the intention of BioLineRx to either transfer ownership of Agalimmune Ltd. to a third party, or to liquidate it, during 2025.

In September 2023, the U.S. Food and Drug Administration (“FDA”) approved motixafortide in stem cell mobilization for autologous transplantation for multiple myeloma patients, and the Company began to independently commercialize motixafortide in the U.S.

In October 2023, the Company out-licensed the rights to motixafortide for all indications in substantially all of Asia, and in November 2024, the Company out-licensed the global rights (other than in Asia) to motixafortide for all indications, other than solid tumors, and closed on an equity investment. In connection with the November 2024 transactions, the Company shut down its independent commercialization activities in the U.S., and entered into an agreement to repay a substantial portion of its outstanding debt, as well as restructure the remaining debt balance. Following these actions, the Company has refocused its operations on development activities in Israel in the fields of oncology (including solid tumors) and rare diseases, at a significantly reduced annual cash burn rate.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 1 – GENERAL INFORMATION (cont.)**

**b. War in Israel**

On October 7, 2023, an unprecedented invasion was launched against Israel from the Gaza Strip by terrorists from the Hamas terrorist organization that infiltrated Israel's southern border and other areas within the country, attacking civilians and military targets while simultaneously launching extensive rocket attacks on the Israeli civilian population. These attacks resulted in extensive deaths, injuries and the kidnapping of civilians and soldiers. In response, the Security Cabinet of the State of Israel declared war against Hamas, with commencement of a military campaign against the terrorist organization, in parallel to its continued rocket and terror attacks. In addition, since the commencement of these events, there have been continued hostilities along Israel's northern border with Lebanon (with the Hezbollah terror organization), which have escalated into a military campaign against Hezbollah, and maritime and air attacks from the Houthi movement in Yemen. It is possible that other terrorist organizations, including Palestinian military organizations in the West Bank as well as other hostile countries will join the hostilities. In addition, Iran launched two direct attacks on Israel in April and October 2024, involving hundreds of drones and ballistic missiles and has threatened to continue to attack Israel and is widely believed to be developing nuclear weapons. Iran is also believed to have a strong influence among extremist groups in the region, such as Hamas in Gaza, Hezbollah in Lebanon, the Houthi movement in Yemen and various rebel militia groups in Syria and Iraq. To date, the State of Israel continues to be at war with Hamas, and has reached a ceasefire agreement with Lebanon.

The Company's headquarters and principal development operations are located in the State of Israel. In addition, most of its key employees, officers and directors are residents of Israel. The ongoing war in Israel has not, to date, materially impacted the Company's business or operations. Nevertheless, since this is an event beyond the Company's control, its continuation or cessation may affect the Company's operations. The Company continues to monitor its ongoing activities and will make any needed adjustments to ensure continuity of its business, while supporting the safety and well-being of its employees.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 1 – GENERAL INFORMATION (cont.)**

**c. Going concern**

The Company has incurred accumulated losses in the amount of \$395 million through March 31, 2025, and it expects to continue incurring losses and negative cash flows from operations until the cash flows from its strategic partnerships reach a level to offset its ongoing development costs. In this regard, Company management monitors rolling forecasts of the Company's liquidity reserves on the basis of anticipated cash flows and seeks to maintain liquidity balances at levels that are sufficient to meet its needs. Management believes that the Company's current cash and other resources will be sufficient to fund its projected cash requirements through the second half of 2026.

The Company's cash flow projections are subject to various risks and uncertainties concerning their fulfilment, and these factors and the risks inherent in the Company's operations indicate that a material uncertainty exists that may cast significant doubt (or raise substantial doubt as contemplated by PCAOB standards) on the Company's ability to continue as a going concern. These consolidated financial statements have been prepared assuming that the Company will continue as a going concern and do not include any adjustments that might result from the outcome of this uncertainty.

Management's plans include the realization of capital inflows from its strategic partnerships and, if and when required, raising capital through the issuance of debt or equity securities. There are no assurances, however, that the Company will be successful in obtaining the level of financing needed for its operations. If the Company is unsuccessful in realizing the potential cash flows from its strategic partnerships and/or in raising capital, it may need to reduce activities, or curtail or cease operations.

**d. Approval of financial statements**

The unaudited condensed consolidated interim financial statements of the Company as of March 31, 2025, and for the three months then ended, were approved by the Board of Directors on May 21, 2025, and signed on its behalf by the Chairman of the Board, the Chief Executive Officer and the Chief Financial Officer.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 2 – BASIS OF PREPARATION**

The Company's condensed consolidated interim financial statements as of March 31, 2025 and for the three months then ended (the "interim financial statements") have been prepared in accordance with International Accounting Standard No. 34, "Interim Financial Reporting" ("IAS 34"). These interim financial statements, which are unaudited, do not include all disclosures necessary for a fair presentation of financial position, results of operations, and cash flows in conformity with International Financial Reporting Standards as issued by the International Accounting Standards Board ("IFRS"). The condensed consolidated interim financial statements should be read in conjunction with the Company's annual financial statements as of December 31, 2024 and for the year then ended and their accompanying notes, which have been prepared in accordance with IFRS Accounting Standards. The results of operations for the three months ended March 31, 2025 are not necessarily indicative of the results that may be expected for the entire fiscal year or for any other interim period.

The preparation of financial statements in conformity with IFRS Accounting Standards requires management to make estimates, judgments and assumptions that may affect the reported amounts of assets, liabilities, equity and expenses, as well as the related disclosures of contingent assets and liabilities, in the process of applying the Company's accounting policies. These inputs also consider, among other things, the implications of pandemics and wars across the globe (including the Israel-Hamas war) on the Company's activities, and the resulting effects on critical and significant accounting estimates, most significantly in relation to the value of intangible assets, license revenue recognition and fair value of warrants. In this regard, U.S. and global markets are currently experiencing volatility and disruption following the escalation of geopolitical tensions. As of the date of release of these financial statements, the Company estimates there are no material effects of those geopolitical tensions on its financial position and results of operations.

**NOTE 3 – SIGNIFICANT ACCOUNTING POLICIES**

**a. General**

The accounting policies and calculation methods applied in the preparation of these interim financial statements are consistent with those applied in the preparation of the annual financial statements as of December 31, 2024 and for the year then ended.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 3 – SIGNIFICANT ACCOUNTING POLICIES (cont.)**

**b. New international financial reporting standards, amendments to standards and new interpretations**

*IFRS 18, Presentation and Disclosure in the Financial Statements*

This standard replaces the international accounting standard IAS 1, “Presentation of Financial Statements.” As part of the new disclosure requirements, companies will be required to present new defined subtotals in the statements of income, as follows: (1) operating profit and (2) profit before financing and tax. In addition, income statement items will be classified into three defined categories: operating, investing and financing. The standard also includes a requirement to provide separate disclosure in the financial statements regarding the use of management-defined performance measures (“non-GAAP measures”), and specific instructions were added for the grouping and splitting of items in the financial statements and in the notes to the financial statements. IFRS 18 is effective for annual reporting periods beginning on or after January 1, 2027, with an option for early adoption. The Company is currently evaluating this guidance to determine the impact it may have on its consolidated financial statement disclosures.

**NOTE 4 – AT-THE-MARKET (“ATM”) SALES AGREEMENT WITH HCW**

The Company maintains an ATM facility with H.C. Wainwright & Co., LLC (“HCW”) pursuant to an ATM sales agreement entered into in September 2021. In accordance with the agreement, the Company is entitled, at its sole discretion, to offer and sell through HCW, acting as a sales agent, ADSs having an aggregate offering price of up to \$25.0 million throughout the period during which the ATM facility remains in effect. The Company has agreed to pay HCW a commission of 3.0% of the gross proceeds from the sale of ADSs under the facility. During the three months ended March 31, 2025, 141,910 ADSs were issued for total net proceeds of \$1.6 million. From the effective date of the agreement through the issuance date of this report, 194,656 ADSs have been sold under the program for total net proceeds of \$5.8 million.



**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 5 – CONTINGENT LIABILITIES**

In June 2024, Biokine Therapeutics Ltd. (“Biokine”), filed a complaint with the District Court of Jerusalem against the Company. The complaint alleged breach of contract and a purported failure to make certain payments to Biokine under the Company’s in-licensing agreement with Biokine for motixafortide. The lawsuit sought compensatory damages in the amount of approximately \$6.5 million and a declaratory judgment in favor of Biokine. The Company filed a statement of defense in November 2024. Subsequent to this filing, in November 2024, the Company and Biokine entered into an agreement to refer the dispute to arbitration, and the claim was withdrawn. During the first quarter of 2025, Biokine filed an updated complaint under the arbitration, increasing the damages to the amount of approximately \$7.2 million. The outcome of the arbitration is uncertain at this point. Nevertheless, management of the Company believes the claims in the arbitration are without merit and intends to vigorously defend itself against such action.

**NOTE 6 – FINANCINGS**

**a. Securities purchase agreement – Highbridge**

In November 2024, the Company completed a registered direct offering to certain funds associated with Highbridge Capital Management LLC (“Highbridge”) of 103,037 ADSs and 308,749 pre-funded warrants to purchase ADSs. Each ADS and pre-funded warrant was sold at a purchase price of \$21.86 and \$21.85, respectively. The Company also issued to the investors unregistered ordinary warrants to purchase an aggregate of 205,893 ADSs. Gross proceeds from the offering totaled \$9.0 million, with net proceeds of \$8.9 million, after deducting fees and expenses.

The pre-funded warrants are exercisable immediately, do not expire until exercised in full, and have an exercise price of \$0.004 per ADS. The ordinary warrants are exercisable immediately, expire four years from the date of issuance, and have an exercise price of \$23.60 per ADS.

A holder of the pre-funded or ordinary warrants cannot exercise such warrants if the holder, together with its affiliates, would beneficially own in excess of 4.99% of the outstanding share capital of the Company immediately after giving effect to such exercise.

The ordinary warrants have been classified as a financial liability due to a net settlement provision. This liability was initially recognized at its fair value on the issuance date and is subsequently accounted for at fair value at each balance sheet date. The fair value changes are charged to non-operating income and expense in the statement of comprehensive loss.

The pre-funded warrants have been classified in shareholders’ equity, with initial recognition at fair value on the date issued, using the same assumptions as the ordinary warrants.

The fair value of the ordinary warrants is computed using the Black-Scholes option pricing model. The fair value of the ordinary warrants upon issuance was computed based on the then-current price of an ADS, a risk-free interest rate of 4.19%, and an average standard deviation of 84.5%. The gross consideration initially allocated to ordinary warrants amounted to \$2,721,000, with total issuance costs initially allocated to the ordinary warrants amounting to \$27,000.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 6 – FINANCINGS (cont.)**

**a. Securities purchase agreement – Highbridge (cont.)**

The fair value of the ordinary warrants amounted to \$139,000 as of March 31, 2025, and was based on the then current price of an ADS, a risk-free interest rate of 3.9%, an average standard deviation of 90.0%, and on the remaining contractual life of the ordinary warrants.

The changes in fair value for the three months ended March 31, 2025 of \$606,000, have been recorded as non-operating income in the statement of comprehensive loss.

During the three months ended March 31, 2025, 101,357 of the pre-funded warrants were exercised, and none of the ordinary warrants were exercised.

**b. January 2025 offering**

In January 2025, the Company completed a registered direct offering to certain institutional investors of 858,303 ADSs and 391,697 pre-funded warrants to purchase ADSs. Each ADS and pre-funded warrant was sold at a purchase price of \$8.00 and \$7.996, respectively. The Company also issued to investors in the offering unregistered ordinary warrants to purchase an aggregate of 1,250,000 ADSs. The pre-funded warrants are exercisable immediately, do not expire until exercised in full, and have an exercise price of \$0.004 per ADS. The ordinary warrants are exercisable immediately, expire five years from the date of issuance, and have an exercise price of \$8.00 per ADS. A holder of the pre-funded or ordinary warrants cannot exercise such warrants if the holder, together with its affiliates, would beneficially own in excess of 4.99% (or 9.99% at the election of the holder) of the outstanding share capital of the Company immediately after giving effect to such exercise.

In addition, the Company granted to the placement agent in the offering, as part of the placement fee, warrants to purchase 62,500 ADSs. These warrants are exercisable immediately, expire five years from the date of issuance and have an exercise price of \$10.00 per ADS. The offering consideration allocated to the placement agent warrants amounted to \$0.5 million.

Gross proceeds from the offering totaled \$10.0 million, with net proceeds of \$8.9 million, after deducting fees and expenses.

The investors' ordinary warrants have been classified as a financial liability due to a net settlement provision. This liability was initially recognized at its fair value on the issuance date and is subsequently accounted for at fair value at each balance sheet date. The fair value changes are charged to non-operating income and expense in the statement of comprehensive loss.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 6 – FINANCINGS (cont.)**

**b. January 2025 offering (cont.)**

The pre-funded warrants have been classified in shareholders' equity. The fair value of the ordinary warrants is computed using the Black-Scholes option pricing model and is determined by using a level 3 valuation technique. The fair value of the ordinary warrants upon issuance was computed based on the then-current price of an ADS, a risk-free interest rate of 4.41%, and an average standard deviation of 90.2%. The fair value initially allocated to the investor ordinary warrants amounted to \$10.4 million, with total issuance costs initially allocated to the ordinary warrants amounting to \$0.7 million.

Due to a difference between the fair value at initial recognition and the transaction price ("day 1 loss"), upon initial recognition, the fair value of the ordinary warrants was adjusted by the amount of \$1.4 million, to reflect the unrecognized day 1 loss. Following initial recognition, the unrecognized day 1 loss of the warrants is being amortized over its contractual life.

The fair value of the ordinary warrants amounted to \$2.0 million as of March 31, 2025, and was based on the then current price of an ADS, a risk-free interest rate of 3.96%, an average standard deviation of 91.6%, and on the remaining contractual life of the warrants. The changes in fair value for the period ended March 31, 2025, amounting to \$7.1 million, have been recorded as a non-operating income in the statement of comprehensive loss.

As of March 31, 2025, all of the pre-funded warrants had been exercised, and none of the ordinary warrants had been exercised.

The placement agent warrants have been classified in shareholders' equity, with initial recognition at fair value on the date issued, using the same assumptions as the investor warrants.

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 7 – FAIR VALUE MEASUREMENT OF WARRANTS USING SIGNIFICANT UNOBSERVABLE INPUTS (LEVEL 3)**

	<b>Warrants in USD thousands</b>
<b>Balance as of December 31, 2024</b>	<b>1,691</b>
<b>Changes during 2025:</b>	
Issuances	10,465
Day one loss	(1,383)
Changes in fair value through profit and loss	(8,311)
<b>Balance as of March 31, 2025</b>	<b>2,462</b>

**NOTE 8 – SHAREHOLDERS' EQUITY**

As of December 31, 2024 and March 31, 2025, the Company's share capital is composed of ordinary shares, as follows:

	<b>Number of ordinary shares</b>	
	<b>December 31, 2024</b>	<b>March 31, 2025</b>
Authorized share capital	5,000,000,000	5,000,000,000
Issued and paid-up share capital	1,336,670,575	2,232,601,990
	<b>In USD and NIS</b>	
	<b>December 31, 2024</b>	<b>March 31, 2025</b>
Authorized share capital (in NIS)	500,000,000	500,000,000
Issued and paid-up share capital (in NIS)	133,667,057	223,260,199
Issued and paid-up share capital (in USD)	38,096,940	62,569,738

**BioLineRx Ltd.**  
NOTES TO CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS  
(UNAUDITED)

**NOTE 9 – REVENUES AND COST OF REVENUES**

**a. Revenues**

	Three months ended March 31,	
	2024	2025
	in USD thousands	
License revenues	5,931	255
Product sales, net	924	-
	<u>6,855</u>	<u>255</u>

**b. Cost of revenues**

	Three months ended March 31,	
	2024	2025
	in USD thousands	
Cost related to license revenues	741	34
Amortization of intangible asset in respect of license revenues	646	-
Cost of product sales	68	-
	<u>1,455</u>	<u>34</u>

## OPERATING AND FINANCIAL REVIEW

*You should read the following discussion of our operating and financial condition and prospects in conjunction with the financial statements and the notes thereto included elsewhere in this 6-K, as well as in our Annual Report on Form 20-F filed on March 31, 2025 (the “Annual Report”).*

*On January 30, 2025, we effected a change in the ratio of our ADSs to ordinary shares from one ADS representing 15 ordinary shares to a new ratio of one ADS representing 600 ordinary shares. For ADS holders, the ratio change had the same effect as a one-for-forty reverse ADS split. All ADS and related option and warrant information presented in this report have been retroactively adjusted to reflect the reduced number of ADSs and the increase in the ADS price which resulted from this action. Unless otherwise indicated, in this report fractional ADSs have been rounded to the nearest whole number.*

### Forward Looking Statements

The following discussion contains “forward-looking statements,” including statements regarding expectations, beliefs, intentions or strategies for the future. These include statements regarding management's expectations, beliefs and intentions regarding, among other things, the potential benefits of motixafortide, the potential success of our out-licensing agreements, expectations and commercial potential of motixafortide, as well as its potential investigational uses, expectations with regard to clinical trials of motixafortide, the plans and objectives of management for future operations, and statements as to results of operations or of financial condition, expected capital needs and expenses. These statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. In some cases, you can identify forward-looking statements by terms including “anticipates,” “believes,” “could,” “estimates,” “expects,” “intends,” “may,” “plans,” “potential,” “predicts,” “projects,” “should,” “will,” “would,” and similar expressions intended to identify forward-looking statements. Forward-looking statements reflect our current views with respect to future events and are based on assumptions, and are subject to risks and uncertainties. You should not put undue reliance on any forward-looking statements. Our actual results could differ materially from those discussed in the forward-looking statements. Factors that could cause or contribute to these differences include those listed below as well as those discussed in our Annual Report (particularly those in “Item 3. Key Information – Risk Factors”). Unless we are required to do so under U.S. federal securities laws or other applicable laws, we do not intend to update or revise any forward-looking statements. Readers are encouraged to consult the Company's filings made on Form 6-K, which are periodically filed with or furnished to the SEC.

Factors that could cause our actual results to differ materially from those expressed or implied in such forward-looking statements include, but are not limited to:

- the clinical development, commercialization and market acceptance of our therapeutic candidates, including the degree and pace of market uptake of APHEXDA for the mobilization of hematopoietic stem cells for autologous transplantation in multiple myeloma patients;
  - the initiation, timing, progress and results of our preclinical studies, clinical trials and other therapeutic candidate development efforts;
  - our ability to advance our therapeutic candidates into clinical trials or to successfully complete our preclinical studies or clinical trials;
  - whether the clinical trial results for APHEXDA will be predictive of real-world results;
  - our receipt of regulatory approvals for our therapeutic candidates, and the timing of other regulatory filings and approvals;
  - whether access to APHEXDA is achieved in a commercially viable manner and whether APHEXDA receives adequate reimbursement from third-party payors;
  - our ability to establish, manage, and maintain corporate collaborations, as well as the ability of our collaborators to execute on their development and commercialization plans;
-

- our ability to integrate new therapeutic candidates and new personnel, as well as new collaborations;
- the interpretation of the properties and characteristics of our therapeutic candidates and of the results obtained with our therapeutic candidates in preclinical studies or clinical trials;
- the implementation of our business model and strategic plans for our business and therapeutic candidates;
- the scope of protection that we are able to establish and maintain for intellectual property rights covering our therapeutic candidates and our ability to operate our business without infringing the intellectual property rights of others;
- estimates of our expenses, future revenues, capital requirements and our need for and ability to access sufficient additional financing;
- risks related to changes in healthcare laws, rules and regulations in the United States or elsewhere;
- competitive companies, technologies and our industry;
- our ability to maintain the listing of our ADSs on Nasdaq;
- statements as to the impact of the political and security situation in Israel on our business, including the impact of Israel's war with Hamas and other militant groups, which may exacerbate the magnitude of the factors discussed above; and
- those factors referred to in "Risk Factors" in our Annual Report.

## Overview

### General

We are a biopharmaceutical company pursuing life-changing therapies in oncology and rare diseases. Our first approved product, APHEXDA® (motixafortide), a novel peptide for the treatment of stem-cell mobilization and solid tumors, with an indication in the United States for stem cell mobilization for autologous transplantation in multiple myeloma, is being developed and commercialized by Ayrmid Pharma Ltd., or Ayrmid, (globally, excluding Asia) and Guangzhou Gloria Biosciences Co., Ltd., or Gloria, (in Asia). We are also advancing the development of motixafortide for patients with pancreatic cancer and other solid tumors.

In October 2023, we out-licensed the rights to motixafortide for all indications in substantially all of Asia to Gloria, and in November 2024, we out-licensed the global rights (other than in Asia) to motixafortide for all indications, other than solid tumors, to Ayrmid. As a result of the November 2024 transaction, we shut down our independent commercialization activities in the United States and refocused our operations on development activities in Israel in the fields of oncology (including solid tumors) and rare diseases, at a significantly reduced annual cash burn rate.

We have retained the rights to develop motixafortide across all solid tumor indications, in all territories other than Asia, including in PDAC, for which an investigator-initiated Phase 2b trial, sponsored by Columbia University, and supported equally by us and Regeneron, is ongoing at a relatively minimal cost to us. We expect this program to continue to advance without any significant expense to us.

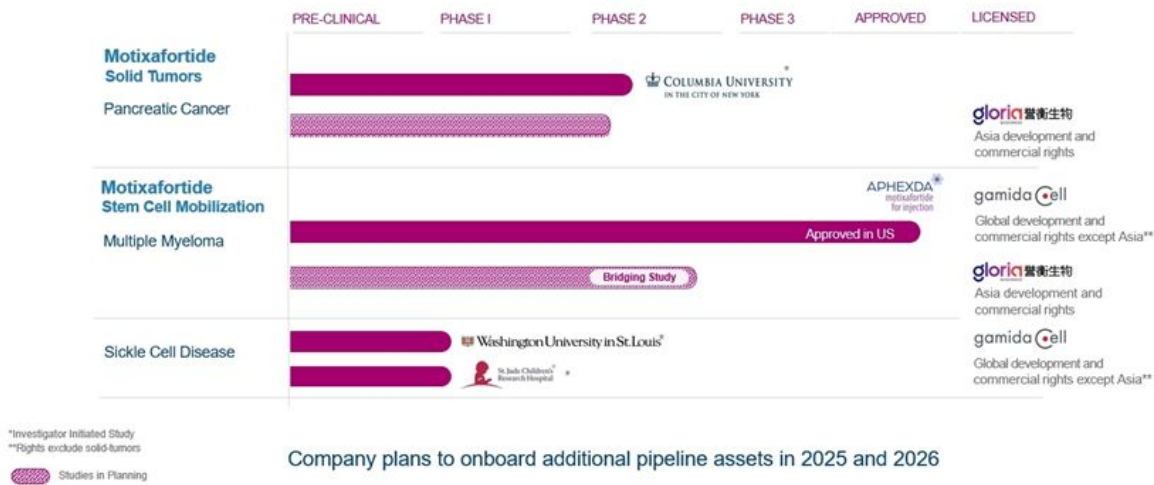
A key component of our strategy moving forward is to in-license additional assets in oncology and/or rare diseases that exhibit distinct advantages over currently available therapies or address unmet medical needs that we can advance through clinical development. We have generated our pipeline by systematically identifying, rigorously validating and in-licensing therapeutic candidates that we believe exhibit a high probability of therapeutic and commercial success. We have substantial experience in scouting and assessing assets in transactions with back-ended, success-based consideration, which can be acquired or licensed for a modest upfront payment, and with relatively modest and affordable clinical development programs. We are actively working on this initiative and are being presented with many promising opportunities that meet these criteria.

Our longer-term vision is to develop innovative assets with significant potential value whose development costs have been offset by the royalties and milestones from our existing motixafortide partnerships. We aim to continue pursuing new partnerships on these programs to create additional value for our shareholders.

We use “APHEXDA” when referring to our FDA approved drug and “motixafortide” when referring to our development of APHEXDA for additional indications. We refer to the license agreements with Ayrmid and Gloria as the Ayrmid License Agreement and Gloria License Agreement, respectively.

Our Product Pipeline

The table below summarizes key information about our products and our clinical programs:



Motixafortide

Motixafortide, is a novel, short peptide that functions as a high-affinity antagonist for CXCR4, for the treatment of stem cell mobilization and solid tumors. CXCR4 is expressed by normal hematopoietic cells and overexpressed in various human cancers where its expression correlates with disease severity. CXCR4 is a chemokine receptor that mediates the homing and retention of hematopoietic stem cells, or HSCs, in the bone marrow, and also mediates tumor progression, angiogenesis (growth of new blood vessels in the tumor), metastasis (spread of tumor to other organs) and survival. Before “motixafortide” was approved by the World Health Organization, or WHO, in 2019 as an International Nonproprietary Name, this therapeutic candidate was known as “BL-8040.” In October 2021, we received WHO approval of the United States Adopted Name, or USAN, “motixafortide.” The FDA-approved trade or brand name of motixafortide is APHEXDA.

Inhibition of CXCR4 by motixafortide leads to the mobilization of HSCs from the bone marrow to the peripheral blood, enabling their collection for subsequent autologous or allogeneic transplantation in cancer patients. Clinical data has demonstrated the ability of motixafortide to mobilize higher numbers of long-term engrafting HSCs (CD34+CD38-CD45RA-CD90+CD49f+) as compared to G-CSF.

Motixafortide also mobilizes cancer cells from the bone marrow, detaching them from their survival signals and sensitizing them to chemotherapy. In addition, motixafortide has demonstrated a direct anti-cancer effect by inducing apoptosis (cell death) and inhibiting proliferation in various cancer cell models (multiple myeloma, non-Hodgkin’s lymphoma, leukemia, non-small-cell lung carcinoma, neuroblastoma and melanoma).



In the field of immuno-oncology, motixafortide mediates infiltration of T-cells while reducing immune regulatory cells in the tumor microenvironment, or TME. In clinical studies, the combination of motixafortide with immune checkpoint inhibitors, such as anti PD-1, has shown T-cell activation and a reduction in tumor cell numbers.

The following is a summary of our motixafortide principal development activities.

### ***Stem cell mobilization***

#### ***Multiple Myeloma***

In September 2023, the FDA approved motixafortide in combination with G-CSF to mobilize hematopoietic stem cells to the peripheral blood for collection and subsequent autologous transplantation in patients with multiple myeloma. In March 2025, marketing authorization with the FDA was transferred to Ayrmid.

In November 2023, we initiated pivotal bridging study preparation activities with Gloria, our Asia partner, to support potential approval and commercialization of motixafortide in stem-cell mobilization in China. In February 2024, an IND was filed with the Center for Drug Evaluation of the National Medical Products Administration, which was approved in May 2024. The study in China was originally planned to commence in the first half of 2025, with data approximately 18 months later. Gloria is not currently advancing this study according to schedule and it is unclear when such study will be initiated, if at all. There can be no assurance that Gloria will meet its obligations under the Gloria License Agreement.

#### ***Sickle Cell Disease***

In March 2023, we entered into a clinical collaboration with Washington University School of Medicine in St. Louis to advance a Phase 1 clinical trial in which motixafortide will be evaluated as a monotherapy and in combination with natalizumab (VLA-4 inhibitor), as novel regimens to mobilize CD34+ hematopoietic stem cells (HSC) for gene therapies in Sickle Cell Disease. The proof-of-concept investigator-initiated study plans to enroll five adults with a diagnosis of SCD who are receiving automated red blood cell exchanges via apheresis. The trial's primary objective is to assess the safety and tolerability of motixafortide alone and in combination with natalizumab in SCD patients, defined by dose-limiting toxicities. Secondary objectives include determining the number of CD34+ hematopoietic stem and progenitor cells (HSPCs) mobilized via leukapheresis; and determining the pharmacokinetics of CD34+ HSPCs mobilization to peripheral blood in response to motixafortide alone and motixafortide plus natalizumab in SCD patients. As anticipated, the study began enrolling in 2023, with first patient dosed in December 2023, and is ongoing. Initial data from this study was presented at an oral presentation at the 66th American Society of Hematology (ASH) Annual Meeting. Five patients completed mobilization and apheresis with motixafortide alone, and four of five with motixafortide in combination with natalizumab. Motixafortide alone, and in combination with natalizumab, were found to be safe and well-tolerated in the trial. Common adverse events were transient and included Grade 1-2 injection site (pruritis, tingling/pain) and systemic reactions (pruritis, hives). No grade 4 adverse events or vaso-occlusive events occurred. Motixafortide alone, and in combination with natalizumab, resulted in robust CD34+ HSC mobilization to peripheral blood. Motixafortide alone mobilized a median of 198 CD34+ cells/ $\mu$ l (range 77-690) to PB with median  $3.49 \times 10^6$  CD34+ cells/kg as part of a single blood volume collection, projecting the collection of  $13.9 \times 10^6$  HSCs in a normal, single-day four-blood-volume apheresis collection session. Motixafortide in combination with natalizumab mobilized a median of 231 CD34+ cells/ $\mu$ l (range 117-408), with median  $4.64 \times 10^6$  CD34+ cells/kg collected as part of a single blood volume collection, projecting the collection of  $18.6 \times 10^6$  CD34+ HSCs in a single day four blood volume apheresis collection session. Following the out-licensing of motixafortide to Ayrmid, the study is being continued under the Ayrmid License Agreement.

In May 2024, we announced that we entered into a multi-center Phase 1 clinical trial sponsored by St. Jude Children's Research Hospital, Inc. to evaluate motixafortide for the mobilization of CD34+ hematopoietic stem cells (HSCs) used in the development of gene therapies for patients with SCD. Investigators in the trial from St. Jude Children's Research Hospital, Inc. and two other clinical sites have extensive SCD gene therapy clinical development experience and are recognized leaders in the field. Following the out-licensing of motixafortide to Ayrmid, the study is being continued under the Ayrmid License Agreement. The first patient in the study was dosed in February 2025.

## ***Pancreatic Cancer***

In January 2016, we entered into a clinical collaboration with MSD (a tradename of Merck & Co., Inc., Kenilworth, New Jersey) in the field of cancer immunotherapy. Based on this collaboration, in September 2016 we initiated a Phase 2a study, known as the COMBAT/KEYNOTE-202 study, focusing on evaluating the mechanism of action and safety of motixafortide in combination with KEYTRUDA® (pembrolizumab), MSD's anti-PD-1 therapy, in 37 patients with metastatic PDAC. The study was an open-label, multicenter, single-arm trial designed to evaluate the mechanism of action, safety and tolerability, and clinical response of the combination of these therapies. The mechanistic evaluation consisted of multiple pharmacodynamic parameters, including the ability to improve infiltration of T-cells into the tumor and their reactivity. Top-line results showed that the dual combination demonstrated encouraging disease control and overall survival in patients with metastatic pancreatic cancer. In addition, assessment of patient biopsies supported motixafortide's ability to induce infiltration of tumor-reactive T-cells into the tumor, while reducing the number of immune regulatory cells.

In July 2018, we announced the expansion of the COMBAT/KEYNOTE-202 study under the collaboration to include a triple combination arm investigating the safety, tolerability and efficacy of motixafortide, KEYTRUDA® and chemotherapy. We initiated this arm of the trial in December 2018. In December 2019, we announced that preliminary data from the study indicated that the triple combination therapy showed a high level of disease control, including seven partial responders and 10 patients with stable disease out of 22 evaluable patients. In February 2020, we completed the recruiting of a total of 43 patients for the study and in December 2020, we announced the final results of the study. The results of the study showed substantial improvement as compared to comparable historical results of other pancreatic cancer studies across all study endpoints. Of the 38 evaluable patients, median overall survival was 6.5 months, median progression free survival was 4.0 months, confirmed overall response rate was 13.2%, overall response rate was 21.2% and disease control rate was 63.2%. The combination was generally well tolerated, with a safety profile consistent with the individual safety profile of each component alone; adverse event and severe adverse event profiles were as expected with chemotherapy-based treatment regimens.

In October 2020, we announced that motixafortide will be tested in combination with the anti-PD-1 cemiplimab (LIBTAYO®) and standard-of-care chemotherapy (gemcitabine and nab-paclitaxel) in first-line PDAC. This investigator-initiated Phase 2, single-arm study (CheMo4METPANC), led by Columbia University and supported equally by BioLineRx and Regeneron, initially enrolled 11 PDAC patients in a pilot phase. In September 2023, we reported data from the pilot phase of the study. As of July 2023, of those 11 patients, seven patients (64%) experienced a partial response (PR), of which six (55%) are now confirmed PRs, with one patient experiencing resolution of the hepatic (liver) metastatic lesion. Three patients (27%) experienced stable disease, resulting in a disease control rate of 91%. These findings compare favorably to historic partial response and disease control rates of 23% and 48%, respectively, reported with the chemotherapy combination of gemcitabine and nab-paclitaxel. Additionally, analysis of paired pre- and on-treatment biopsy samples demonstrated an increase in CD8+ T-cell density in tumors from all 11 patients treated ( $P = 0.007$ ).

Based on the preliminary data from this pilot phase, the planned single-arm study was amended to a significantly larger, randomized multi-center study, with a new planned total of 108 patients. The amended Phase 2b study is evaluating the combination of motixafortide, PD-1 inhibitor cemiplimab, and standard of care chemotherapies gemcitabine and nab-paclitaxel, versus gemcitabine and nab-paclitaxel alone. The trial's primary endpoint is progression free survival, and a pre-specified interim futility analysis will be conducted when 40% of progression free survival events are observed, which is expected in 2026. Secondary objectives include safety, response rate, disease control rate, duration of clinical benefit and overall survival. In February 2024, the first patient was dosed, with full enrollment projected for 2027.

We have also been advancing plans in collaboration with Gloria, our Asia partner, for a Phase 2b randomized study assessing motixafortide in combination with the PD-1 inhibitor zimberelimab and standard-of-care chemotherapy as first-line treatment in patients with metastatic pancreatic cancer. IND submission and protocol finalization was planned for the first half of 2025, with study initiation expected during 2025. However, Gloria is not currently advancing this study according to schedule and it is unclear when such study will be initiated, if at all. There can be no assurance that Gloria will meet its obligations under the Gloria License Agreement.

## ***Other Studies***

In addition to the above, from time to time a number of Company-sponsored and investigator-initiated studies may be conducted in a variety of indications, to support the interest of the scientific and medical communities in exploring additional uses for motixafortide. These studies serve to potentially further elucidate the mechanism of action for motixafortide, generate data about motixafortide's potential use in other indications, and inform the life-cycle management process of motixafortide. The results of studies such as these are presented from time to time at relevant professional conferences.

### ***Orphan Drug Designations***

Motixafortide has been granted three Orphan Drug Designations by the FDA: for use to mobilize HSCs from the bone marrow to peripheral blood for collection in autologous or allogeneic transplantation (granted in July 2012); for the treatment of AML (granted in September 2013); and for the treatment of pancreatic cancer (granted in February 2019). Orphan Drug Designation is granted to therapeutics intended to treat rare diseases or conditions that affect not more than 200,000 people in the United States (or diseases or conditions that affect more than 200,000 people but where there is no reasonable expectation that the product development cost will be recovered from product sales in the United States). If an Orphan Drug-Designated product subsequently receives FDA approval for the disease or condition for which it was designated, the product is entitled to a seven-year marketing exclusivity period, which means that the FDA may not approve any other applications to market the same drug for the same indication, except in very limited circumstances (such as a showing of clinical superiority to the product with orphan exclusivity by means of greater effectiveness, greater safety or providing a major contribution to patient care or in instances of drug supply issues), for seven years. In addition, Orphan Drug Designation enables sponsors to apply for certain federal grants and tax credits for clinical trials and provides an exemption from the Prescription Drug User Fee so long, as the sponsor's annual revenue is below \$50,000,000.

In January 2020, the EMA granted an Orphan Drug Designation to motixafortide for the treatment of pancreatic cancer. In addition, in December 2023, the EMA granted Orphan Drug Designation to motixafortide for treatment of patients undergoing hematopoietic stem cell transplantation. The EMA grants orphan medicinal product designation to investigational drugs intended to treat, prevent or diagnose a life-threatening or chronically debilitating disease affecting fewer than five in 10,000 people in the EU and for which no satisfactory treatment is available or, if such treatment exists, the medicine must be of significant benefit to those affected by the condition. Orphan medicinal product designation provides regulatory and financial incentives for companies to develop and market therapies, including ten years of market exclusivity, protocol assistance, fee reductions and EU-funded research.

### ***BL-5010***

Our commercialized, legacy therapeutic product, BL-5010, is a customized, proprietary pen-like applicator containing a novel, acidic, aqueous solution for the non-surgical removal of skin lesions. It offers an alternative to painful, invasive and expensive removal treatments including cryotherapy, laser treatment and surgery. Since the treatment is non-invasive, it poses minimal infection risk and eliminates the need for anesthesia, antiseptic precautions and bandaging. The pre-filled device controls and standardizes the volume of solution applied to a lesion, ensuring accurate administration directly on the lesion and preventing both accidental exposure of the healthy surrounding tissue and unintentional dripping. It has an ergonomic design, making it easy to handle, and has been designed with a childproof cap. BL-5010 is applied topically on a skin lesion in a treatment lasting a few minutes with the pen-like applicator and causes the lesion to gradually dry out and fall off within one to four weeks.

In December 2014, we entered into an exclusive out-licensing arrangement with Perrigo Company plc, or Perrigo, for the rights to BL-5010 for over-the-counter, or OTC, indications in Europe, Australia and additional selected countries. In March 2016, Perrigo received CE Mark approval for BL-5010 as a novel OTC treatment for the non-surgical removal of warts. The commercial launch of products for treatment of this first OTC indication (warts/verrucae) commenced in Europe in the second quarter of 2016. Since then, Perrigo has invested in improving the product and during 2019 launched an improved version of the product in several European countries. In March 2020, we agreed that Perrigo could relinquish its license rights for certain countries that had been included in its territory according to the original license agreement, and was also no longer obligated to develop, obtain regulatory approval for, and commercialize products for a second OTC indication. In turn, in March 2020, we agreed with our licensor of the rights to BL-5010, Innovative Pharmaceutical Concepts (IPC) Inc., or IPC, to return to IPC those license rights no longer out-licensed to Perrigo as a result of the agreement described in the preceding sentence, in consideration of the payment to us of royalties or fees on sublicense receipts.

### ***Expanding our Product Portfolio***

Following entry into the Gloria License Agreement and the Ayrmid License Agreement as well as the shutdown of our U.S. commercial operations, we have refocused our operations on development activities in Israel in the fields of oncology and rare diseases, at a significantly reduced annual cash burn rate.

We are continuing to advance the development of motixafortide for patients with pancreatic cancer and other solid tumors.

In addition, as part of our growth strategy, we are actively pursuing in-licensing opportunities as well as other strategic transactions such as co-development agreements, acquisitions, and technology partnerships, to expand and diversify our product pipeline. We are specifically targeting innovative therapeutic candidates that complement our existing portfolio and align with our core expertise in oncology and rare disease. Our business development team is evaluating potential assets across various stages of development, from preclinical to late-stage clinical programs. We maintain a disciplined approach to asset acquisition, focusing on opportunities that offer significant market potential, address unmet medical needs, and can leverage our established development and commercialization capabilities. Through these strategic in-licensing efforts, we aim to enhance shareholder value while advancing our mission of bringing novel therapies to patients in need.

### ***Israel-Hamas war***

In October 2023, Hamas terrorists infiltrated Israel's southern border from the Gaza Strip and conducted a series of attacks on civilian and military targets. Hamas also launched extensive rocket attacks on Israeli population and industrial centers located along Israel's border with the Gaza Strip and in other areas within the State of Israel. These attacks resulted in extensive deaths, injuries and kidnapping of civilians and soldiers. Following the attack, Israel's security cabinet declared war against Hamas and a military campaign against these terrorist organizations commenced in parallel to their continued rocket and terror attacks. In addition, since the commencement of these events, there have been continued hostilities along Israel's northern border with Lebanon (with the Hezbollah terror organization), which have escalated into a military campaign against Hezbollah, and maritime and air attacks from the Houthi movement in Yemen. It is possible that other terrorist organizations, including Palestinian military organizations in the West Bank as well as other hostile countries will join the hostilities. In addition, Iran launched two direct attacks on Israel in April and October 2024, involving hundreds of drones and ballistic missiles and has threatened to continue to attack Israel and is widely believed to be developing nuclear weapons. Iran is also believed to have a strong influence among extremist groups in the region, such as Hamas in Gaza, Hezbollah in Lebanon, the Houthi movement in Yemen and various rebel militia groups in Syria and Iraq. Such clashes may escalate in the future into a greater regional conflict. We cannot currently predict the intensity or duration of Israel's war on all fronts, nor can we predict how this war will ultimately affect our business and operations or Israel's economy in general.

### ***Funding***

We have funded our operations primarily through the sale of equity securities (both in public and private offerings), payments received under our strategic licensing and collaboration arrangements, funding received from the Israel Innovation Authority, or IIA, debt financing and interest earned on investments. We expect to continue to fund our operations over the next several years through our existing cash resources, potential future milestone and royalty payments that we may receive from our existing out-licensing agreements, primarily royalties from the commercialization of APHEXDA by Ayrmid, potential future upfront, milestone or royalty payments that we may receive from Gloria and any other out-licensing transaction, interest earned on our investments, and additional capital to be raised through public or private equity offerings or debt financings. As of March 31, 2025, we had \$26.4 million of cash, cash equivalents and short-term bank deposits.

### ***Revenues***

Our revenues to date have been generated primarily from upfront and milestone payments under out-licensing agreements and between the fourth quarter of 2023 and November 2024, revenues from product sales of APHEXDA.

We expect our revenues, if any, for the next several years to be derived primarily from future royalties on product sales, primarily royalties paid by Ayrmid from the commercialization of APHEXDA in stem cell mobilization in the U.S. and potential milestone payments from the license agreements with Ayrmid and Gloria.

## Cost of Revenues

Our cost of revenues to date have consisted of sub-license payments to the licensors in respect of upfront and milestone payments associated with out-licensing agreements, costs associated with the manufacture of APHEXDA, and royalty payments to the licensor with respect to direct product sales of APHEXDA. Prior to receiving FDA approval for APHEXDA in September 2023, we expensed all manufacturing and material costs as research and development expenses.

We expect our cost of revenues, if any, for the next several years to be derived primarily from sub-license payments to the licensors in respect of out-licensing agreements and other potential collaboration arrangements, including future royalties on product sales from such out-licensing agreements.

## Research and Development

Our research and development expenses consist primarily of salaries and related personnel expenses, fees paid to external service providers, up-front and milestone payments under our license agreements, patent-related legal fees, costs of preclinical studies and clinical trials, drug and laboratory supplies and costs for facilities and equipment. We primarily use external service providers to manufacture our therapeutic candidates for clinical trials and for the majority of our preclinical and clinical development work. We charge all research and development expenses to operations as they are incurred. We expect our research and development expenses to remain one of our primary expenses in the near future as we continue to develop motixafortide and additional assets we may in license.

The following table identifies our current major research and development projects:

Project	Status	Expected Near Term Milestones
motixafortide	1. FDA approval received on September 8, 2023 for stem-cell mobilization in multiple myeloma patients.	1. Out-licensed to Ayrmid in November 2024; five-year long-term follow-up of GENESIS patients ongoing
	2. Reported data from single-arm pilot phase of the investigator-initiated Phase 2 combination trial in first-line PDAC. Of 11 patients with metastatic pancreatic cancer enrolled, 7 patients (64%) experienced partial response (PR), of which 6 (55%) were confirmed PRs with one patient experiencing resolution of the hepatic (liver) metastatic lesion. 3 patients (27%) experienced stable disease, resulting in a disease control rate of 91%. Based on these encouraging results, study was substantially revised to a multi-institution, randomized Phase 2b trial of 108 patients	2. First patient dosed in February 2024. Interim data expected in 2026 and full enrollment projected for 2027*
	3. Phase 1 study for gene therapies in SCD (with Washington University School of Medicine in St. Louis)**	3. First patient dosed in December 2023 and initial data from the study released in November 2024. Final data planned in 2025*
	4. Phase 1 study for gene therapies in SCD (with St. Jude Children's Research Hospital, Inc.)**	4. First patient dosed in February 2025, with data planned in 2025/2026*
	5. IND approved in China for initiation of pivotal bridging study in SCM under license agreement with Gloria	5. Initiation of the study is currently delayed***
	6. Phase 2b randomized study in first-line PDAC in China under license agreement with Gloria	6. IND submission and protocol finalization is currently delayed***

\* These studies are investigator-initiated studies; therefore, the timelines are ultimately controlled by the independent investigators and are subject to change.

\*\* Study to be continued under the Ayrmid License Agreement

\*\*\* Under the Gloria License Agreement, Gloria is late in the payment of \$2.4 million to us for the achievement of a specific milestone under the Gloria License Agreement and for certain product supply, which was due during 2024. In addition, the planned studies of motixafortide in China under the Gloria License Agreement are currently not advancing according to schedule and it is unclear when such studies will be initiated, if at all. There can be no assurance that Gloria will meet its payment obligations or any other obligations under the Gloria License Agreement.

We expect that a large percentage of our research and development expenses in the future will be incurred in support of our current and future preclinical and clinical development projects. Due to the inherently unpredictable nature of preclinical and clinical development processes, we are unable to estimate with any certainty the costs we will incur in the continued development of motixafortide in our pipeline for commercialization. Clinical development timelines, the probability of success and development costs can differ materially from expectations. We expect to continue to test motixafortide and any other therapeutic candidates in preclinical studies for toxicology, safety and efficacy, and to conduct additional clinical trials for each such candidate. If we are not able to enter into an out-licensing arrangement with respect to any therapeutic candidate prior to the commencement of later stage clinical trials, we may fund the trials for the therapeutic candidate ourselves.

Our future research and development expenses will depend on the clinical success of motixafortide in solid tumor indications and on other potential therapeutic candidates, as well as ongoing assessments of each therapeutic candidate's commercial potential. In addition, we cannot forecast with any degree of certainty which therapeutic candidates may be subject to future out-licensing arrangements, when such out-licensing arrangements will be secured, if at all, and to what degree such arrangements would affect our development plans and capital requirements.

As we obtain results from clinical trials, we may elect to discontinue or delay clinical trials for certain therapeutic candidates or projects in order to focus our resources on more promising therapeutic candidates or projects. Completion of clinical trials by us or our licensees may take several years or more, but the length of time generally varies according to the type, complexity, novelty and intended use of a therapeutic candidate.

The cost of clinical trials may vary significantly over the life of a project as a result of differences arising during clinical development, including, among others:

- the number of sites included in the clinical trials;
- the length of time required to enroll suitable patients;
- the number of patients that participate, and are eligible to participate, in the clinical trials;
- the duration of patient follow-up;
- whether the patients require hospitalization or can be treated on an outpatient basis;
- the development stage of the therapeutic candidate; and
- the efficacy and safety profile of the therapeutic candidate.

The lengthy process of completing clinical trials and seeking regulatory approval for our therapeutic candidates requires expenditure of substantial resources. Any failure or delay in completing clinical trials, or in obtaining regulatory approvals, could cause a delay in generating product revenue and cause our research and development expenses to increase and, in turn, have a material adverse effect on our operations. Due to the factors set forth above, we are not able to estimate with any certainty when we would recognize any net cash inflows from our projects.

### **Sales and Marketing Expenses**

Sales and marketing expenses consisted primarily of compensation for employees in commercialization, marketing and business development functions. Other significant costs included marketing and communication materials, market access activities, professional fees for outside market research and consulting, and legal services related to compliance and to potential business development transactions.

Following the license agreement with Ayrmid and the termination of our commercialization activities in the U.S., we experienced a significant reduction in sales and marketing expenses and, during the first quarter of 2025, we did not incur any sales and marketing expenses. We expect that any future sales and marketing expenses will be primarily related to business development.

### **General and Administrative Expenses**

General and administrative expenses consist primarily of compensation for employees in executive and operational functions, including accounting, finance, legal, investor relations, information technology and human resources. Other significant general and administration costs include facilities costs, professional fees for outside accounting and legal services, travel costs, insurance premiums and depreciation.

### **Non-Operating Expense and Income**

Non-operating expense and income includes fair-value adjustments of liabilities on account of the warrants issued in equity financings we carried out in February 2019, September 2022 April 2024, November 2024 and January 2025. These fair-value adjustments are highly influenced by our share price at each period end (revaluation date). Non-operating expense and income also includes issuance expenses under the “at-the-market” offering agreement, or ATM Agreement, between us and HCW entered into in September 2021, and the pro-rata share of issuance expenses from the placements related to the warrants. Net sales-based royalties from the license agreement with Perrigo have also been included as part of non-operating income, as the out-licensed product is not an integral part of our strategy, and the amounts are not material.

### **Financial Expense and Income**

Financial expense and income consist of interest earned on our cash, cash equivalents and short-term bank deposits; interest expense related to our loans from BlackRock, bank fees and other transactional costs. In addition, it may also include gains/losses on foreign exchange hedging transactions, which we carry out from time to time to protect against a portion of our NIS-denominated expenses (primarily compensation) in relation to the dollar.

### **Critical Accounting Policies and Estimates**

We describe our significant accounting policies more fully in Note 2 to our consolidated financial statements for the year ended December 31, 2024. We believe that the accounting policies below are critical for one to fully understand and evaluate our financial condition and results of operations.

Our consolidated financial statements are prepared in conformity with International Financial Reporting Standards, or IFRS, as issued by the International Accounting Standards Board, or IASB. In preparing our consolidated financial statements, we make judgements, estimates and assumptions about the application of our accounting policies which affect the reported amounts of assets, liabilities, revenue and expenses. Our critical accounting judgements and sources of estimation uncertainty are described in Note 4 to the consolidated financial statements included in our Annual Report.

## Results of Operations

### Comparison of the three-month period ended March 31, 2025 to the three-month period ended March 31, 2024

#### Revenues

	Three months ended March 31,		
	2024	2025	Increase (decrease)
	(in thousands of U.S. dollars)		
License revenues	5,931	255	(5,676)
Product sales, net	924	-	(924)
Total revenues	6,855	255	(6,600)

Revenues for the three-month period ended March 31, 2025 were \$0.3 million, a decrease of \$6.6 million, compared to revenues of \$6.9 million for the three-month period ended March 31, 2024. The significant decrease in revenues from 2024 to 2025 reflects the one-time revenues recorded in 2024 relating to the out-licensing transaction with Gloria during the fourth quarter of 2023, as well as the change in our operations following the out-licensing of APHEXDA to Ayrmid during the fourth quarter of 2024. The revenues in 2025 reflect the royalties paid by Ayrmid from the commercialization of APHEXDA in stem cell mobilization in the U.S. The revenues in 2024 primarily reflect a portion of the up-front payment received by us under the Gloria License Agreement and a milestone payment achieved under the Gloria License Agreement, which collectively amounted to \$5.9 million, as well as \$0.9 million of net revenues from product sales of APHEXDA in the United States.

#### Cost of revenues

	Three months ended March 31,		
	2024	2025	Increase (decrease)
	(in thousands of U.S. dollars)		
Cost related to license revenues	741	-	(741)
Amortization of intangible asset in respect of license revenues	646	-	(646)
Cost of product sales	68	34	(34)
Total cost of revenues	1,455	34	(1,421)

Cost of revenues for the three-month period ended March 31, 2025 was immaterial, compared to cost of revenues of \$1.5 million for the three-month period ended March 31, 2024. The cost of revenues in 2025 reflects sub-license fees on royalties paid by Ayrmid from the commercialization of APHEXDA in stem cell mobilization in the U.S. The cost of revenues in 2024 primarily reflects sub-license fees on a milestone payment received under the Gloria Biosciences License Agreement and royalties on net product sales of APHEXDA in the U.S., as well as amortization of intangible assets and cost of goods sold on product sales.

#### Research and development expenses

	Three months ended March 31,		
	2024	2025	Increase (decrease)
	(in thousands of U.S. dollars)		
Research and development expenses	2,494	1,623	(871)

Research and development expenses for the three months ended March 31, 2025 were \$1.6 million, a decrease of \$0.9 million, or 34.9%, compared to \$2.5 million for the three months ended March 31, 2024. The decrease resulted primarily from lower expenses related to motixafortide due to the out-licensing of U.S. rights to Ayrmid, as well as a decrease in payroll and share-based compensation, primarily due to a decrease in headcount.



**Sales and marketing expenses**

Three months ended March 31,		Increase (decrease)
2024	2025	
<i>(in thousands of U.S. dollars)</i>		

Sales and marketing expenses	6,342	-	(6,342)
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There were no sales and marketing expenses for the three months ended March 31, 2025, compared to \$6.3 million for the three months ended March 31, 2024. The decrease resulted primarily from the shutdown of U.S. commercial operations in the fourth quarter of 2024 following the Ayrmid out-licensing transaction.

**General and administrative expenses**

Three months ended March 31,		Increase (decrease)
2024	2025	
<i>(in thousands of U.S. dollars)</i>		

General and administrative expenses	1,386	989	(397)
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General and administrative expenses for the three months ended March 31, 2025 were \$1.0 million, a decrease of \$0.4 million, or 28.6%, compared to \$1.4 million for the three months ended March 31, 2024. The decrease resulted primarily from a decrease in payroll and share-based compensation, primarily due to a decrease in headcount, as well as small decreases in a number of general and administrative expenses.

**Non-operating income (expenses), net**

Three months ended March 31,		Increase (decrease)
2024	2025	
<i>(in thousands of U.S. dollars)</i>		

Non-operating income (expenses), net	4,490	7,644	(3,154)
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We recognized net non-operating income of \$7.6 million for the three months ended March 31, 2025, compared to net non-operating income of \$4.5 million for the three months ended March 31, 2024. Non-operating income for both periods primarily relates to fair-value adjustments of warrant liabilities on our balance sheet, as a result of changes in our share price.

**Financial income (expenses), net**

	Three months ended March 31,		Increase (decrease)
	2024	2025	
	(in thousands of U.S. dollars)		
Financial income	565	294	(271)
Financial expenses	(929)	(420)	509
Net financial income (expenses)	(364)	(126)	238

Net financial expenses for the three months ended March 31, 2025 were \$0.1 million compared to net financial expenses of \$0.4 million for the three months ended March 31, 2024. Net financial expenses for both periods primarily relate to loan interest paid, partially offset by investment income earned on our bank deposits.

**Liquidity and Capital Resources**

Since our inception, we have funded our operations primarily through public and private offerings of our equity securities, payments received under our strategic licensing and collaboration arrangements, interest earned on investments, debt financing and funding previously received from the IIA. As of March 31, 2025, we held \$26.4 million of cash, cash equivalents and short-term bank deposits. We have invested substantially all our available cash funds in short-term bank deposits.

In September 2021, we entered into the ATM Agreement with HCW pursuant to which we may offer and sell, at our option, up to \$25.0 million of our ADSs through an at-the-market equity program under which HCW agreed to act as sales agent. As of the issuance date of this report, we have sold 194,656 of our ADSs for total gross proceeds of approximately \$6.0 million under the ATM program. Under General Instruction I.B.5 to Form F-3 (also known as the baby shelf rule), we may currently sell up to \$4.8 million under the ATM program.

**Loan Agreements with BlackRock**

In September 2022, we entered into a secured Loan Agreement with BlackRock EMEA Venture and Growth Lending (previously Kreos Capital VII Aggregator SCSP), or BlackRock, under which BlackRock agreed to provide us with access to term loans in an aggregate principal amount of up to \$40 million in three tranches, or the Loans. We drew down the initial tranche of \$10 million following execution of the agreement in September 2022 and we drew down the second tranche of \$20 million in April 2024, following fulfilment of the requisite milestones. The third tranche was available for draw down until October 1, 2024, upon achievement of certain milestones was not drawn down.

In November 2024, in connection with the Ayrmid License Agreement, we entered into the Loan Amendment to the Loan Agreement with BlackRock, pursuant to which, (i) we agreed to make aggregate payments of \$16.5 million, as partial repayment of the Loans and in lieu of future revenue-based payments, which were fully cancelled, (ii) effective December 1, 2024, we agreed to pay the remaining amounts outstanding under the Loans (in principal and interest) over a three year period ending December 1, 2027, and (iii) our minimum cash balance requirement under the Loan Agreement was reduced from \$10 million to \$4 million. In addition, pursuant to the Loan Amendment, 10% of any future milestone payments received by us from the out-licensing agreements through December 1, 2027 will be used to repay principal of the Loans, and the repayments in (ii) above will be adjusted accordingly. All other terms of the Loan Agreement remain the same.

Interest on each tranche of the Loans accrues at a fixed rate of 9.5% per annum from the drawdown date until repayment in full of the tranche.

We may prepay all, but not less than all, of the outstanding balance of any of the Loans. In connection with any prepayment, we will also pay an end of loan payment equal to 5% of the amount of each tranche drawn down upon the final repayment of each such tranche, or the End of Loan Payment, and any other unpaid fees or costs, if any.

The Loans are subject to mandatory accelerated repayment provisions that require repayment of the outstanding principal amount of the Loans, and all accrued and unpaid interest thereon, upon the occurrence of an event of default, subject to certain limitations and cure rights. In addition, in the event of acceleration upon an event of default (a) we will be required to pay the aggregate of the monthly interest payments scheduled to be paid by the Company for the period from the date of acceleration to the expiry of the applicable Loan, in each case discounted from the applicable monthly repayment date to the date of prepayment at the rate of 2% per annum and (b) the End of Loan Payment.

Outstanding borrowings under the Loan Agreement are secured by (a) a first priority fixed charge over certain assets and intellectual property of the Company as well as all shares held by the Company in BioLineRx USA, Inc, or the Fixed Charge, (b) a first priority floating charge over all our assets as of the date of the Loan Agreement or thereafter acquired, other than the assets charged under the Fixed Charge or as otherwise specifically excluded pursuant to the terms of the floating charge, and (c) subject to the provisions of the Fixed Charge, a security interest in our intellectual property.

The Loan Agreement contains customary representations and warranties, indemnification provisions in favor of the Lender, events of default and affirmative and negative covenants, including, among others, covenants that limit or restrict the Company's ability to, among other things, incur additional indebtedness, merge or consolidate, make acquisitions, pay dividends or other distributions or repurchase equity, and dispose of assets, in each case subject to certain exceptions. The Company has also granted BlackRock certain information rights.

#### ***Cash Flows***

Net cash used in operating activities was \$2.6 million for the three months ended March 31, 2025, compared to net cash used in operating activities of \$14.1 million for the three months ended March 31, 2024. The \$11.5 million decrease in net cash used in operating activities in 2025 was primarily the result of a decrease in contract liabilities in the 2024 period, resulting from deferred revenues as of December 31, 2023 that were recognized during 2024, as well as a decrease in accounts receivables and a decrease in sales and marketing expenses as described above.

Net cash used in investing activities was \$8.2 million for the three months ended March 31, 2025, compared to net cash provided by investing activities of \$16.7 million for the three months ended March 31, 2024. The changes in cash flows from investing activities relate primarily to investments in, and maturities of, short-term bank deposits.

Net cash provided by financing activities was \$9.5 million for the three months ended March 31, 2025, compared to net cash used in financing activities of \$0.9 million for the three months ended March 31, 2024. The net cash provided by financing activities in 2025 primarily reflects the net proceeds of the registered direct offering and net proceeds from the ATM facility, offset by repayments of the loan from BlackRock and the repayments of lease liabilities. Net cash used in financing activities in 2024 primarily reflects repayments of the loan from BlackRock and the repayments of lease liabilities.

#### ***Funding Requirements***

We have incurred accumulated losses in the amount of \$395 million through March 31, 2025, and we expect to continue incurring losses and negative cash flows from operations until the cash flows from our strategic partnerships reach a level to offset our ongoing development costs. In this regard, management monitors rolling forecasts of our liquidity reserves on the basis of anticipated cash flows and seeks to maintain liquidity balances at levels that are sufficient to meet its needs. Our cash flow projections are subject to various risks and uncertainties concerning their fulfilment, and these factors and the risk inherent in our operations, which management has concluded indicate that a material uncertainty exists, may cast significant doubt on our ability to continue as a going concern. Similarly, our independent registered public accounting firm included a "going concern" explanatory paragraph in its report on our financial statements as of and for the year ended December 31, 2024.

Developing drugs and conducting clinical trials is expensive and we will need to raise substantial additional funds to achieve our strategic objectives. Based on our current projected cash requirements, we believe that our existing cash and investment balances and other sources of liquidity, including royalties received from Ayrmid from product sales of APHEXDA and milestone payments from our license agreements with Ayrmid and Gloria, will be sufficient to meet our capital requirements through the second half of 2026. We expect to also continue to seek to finance our operations through other sources, including out-licensing arrangements for the development and commercialization of our therapeutic candidates or other partnerships or joint ventures, public and private offerings of our equity securities, as well as grants from government agencies and foundations. Our future capital requirements will depend on many factors, including:

- the progress and costs of our preclinical studies, clinical trials and other research and development activities;
- the scope, prioritization and number of our clinical trials and other research and development programs;
- the amount of revenues we receive, if any, under our collaboration or licensing arrangements;
- the costs of the development and expansion of our operational infrastructure;
- the costs and timing of obtaining regulatory approval of our therapeutic candidates;
- our success in effecting out-licensing arrangements with third parties;
- the ability of our collaborators and licensees to achieve development milestones, marketing approval and other events or developments under our collaboration and out-licensing agreements;
- the costs of filing, prosecuting, enforcing and defending patent claims and other intellectual property rights;
- the costs and timing of securing manufacturing arrangements for clinical or commercial production;
- the costs of establishing sales and marketing capabilities or contracting with third parties to provide these capabilities for us;
- the costs of acquiring or undertaking development and commercialization efforts for any future therapeutic candidates;
- the magnitude of our general and administrative expenses;
- interest and principal payments on the loan from BlackRock;
- any cost that we may incur under current and future licensing arrangements relating to our therapeutic candidates; and
- market conditions.

If funds are not available, we may be required to delay, reduce the scope of, or eliminate one or more of our research or development programs.

#### **Off-Balance Sheet Arrangements**

Since inception, we have not entered into any transactions with unconsolidated entities whereby we have financial guarantees, subordinated retained interests, derivative instruments or other contingent arrangements that expose us to material continuing risks, contingent liabilities, or any other obligations under a variable interest in an unconsolidated entity that provides us with financing, liquidity, market risk or credit risk support.

Share and per-share information in ADSs

Share and per-share information in ADSs are presented in the tables below. Each ADS represents 600 ordinary shares.

	Three months ended	
	March 31,	
	2024	2025
	<i>(in U.S. dollars)</i>	
Earnings (loss) per ADS – basic and diluted	(0.38)	1.40
Loss per ordinary share – basic and diluted	(0.00)	0.00
	December 31,	March 31,
	2024	2025
	<i>(in number of ADSs)</i>	
Authorized share capital	8,333,333	8,333,333
Issued and paid-up capital	2,227,784	3,721,003