

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 10-Q**

(Mark One)

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended **March 31, 2023**

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number: **001-38659**

**BIOSIG TECHNOLOGIES, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of incorporation  
or organization)

**26-4333375**

(IRS Employer Identification No.)

**55 Greens Farms Road, 1st Floor**

**Westport, CT**

(Address of principal executive office)

**06880**

(Zip Code)

**(203) 409-5444**

(Registrant's telephone number, including area code)

**Securities registered pursuant to Section 12(b) of the Act:**

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	BSGM	The NASDAQ Capital Market

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 229.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
Emerging growth company	<input type="checkbox"/>		

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

As of May 15, 2023, there were 70,485,322 shares of registrant's common stock outstanding.

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**PART I – FINANCIAL INFORMATION**

**ITEM 1. FINANCIAL STATEMENTS**

**BIOSIG TECHNOLOGIES, INC.  
CONDENSED CONSOLIDATED BALANCE SHEETS  
(In Thousands, Except Par Value and Share Amounts)**

	<b>March 31, 2023</b>	<b>December 31, 2022</b>
	<u>(unaudited)</u>	
<b>ASSETS</b>		
Current assets:		
Cash	\$ 1,412	\$ 357
Accounts receivable	17	9
Inventory, short term	345	336
Net investment in leases, short term	101	101
Prepaid expenses and vendor deposits	275	325
Total current assets	<u>2,150</u>	<u>1,128</u>
Property and equipment, net	630	665
Right-to-use assets, net	634	705
Other assets:		
Inventory, long term	1,142	1,141
Net investment in leases, long term	94	120
Patents, net	303	307
Other assets	244	44
Total assets	<u>\$ 5,197</u>	<u>\$ 4,110</u>
<b>LIABILITIES AND EQUITY</b>		
Current liabilities:		
Accounts payable and accrued expenses, including \$0 and \$120 to related parties as of March 31, 2023 and December 31, 2022, respectively	\$ 2,392	\$ 2,852
Customer deposits	8	-
Deferred revenue, short term	-	5
Dividends payable	93	91
Lease liability, short term	321	313
Total current liabilities	<u>2,814</u>	<u>3,261</u>
Lease liability, long term	368	452
Total long-term liabilities	<u>368</u>	<u>452</u>
Total liabilities	3,182	3,713
Commitments and contingencies (Note 11)		
Series C 9% Convertible Preferred Stock, \$0.001 par value, \$1,000 stated value, authorized 4,200 shares, 105 shares issued and outstanding; liquidation preference of \$105 as of March 31, 2023 and December 31, 2022	<u>105</u>	<u>105</u>
Equity:		
Preferred stock, \$0.001 par value, authorized 1,000,000 shares, designated 200 shares of Series A, 600 shares of Series B, 4,200 shares of Series C, 1,400 shares of Series D, 1,000 shares of Series E, 200,000 shares of Series F Preferred Stock, 105 shares of Series C outstanding as of March 31, 2023 and December 31, 2022 (see above)	-	-
Common stock, \$0.001 par value, authorized 200,000,000 shares, 66,857,687 and 54,610,638 issued and outstanding as of March 31, 2023 and December 31, 2022, respectively	67	55
Additional paid in capital	225,215	216,232
Accumulated deficit	(223,306)	(215,974)
Total stockholders' equity attributable to BioSig Technologies, Inc.	<u>1,976</u>	<u>313</u>
Non-controlling interest	(66)	(21)
Total equity	<u>1,910</u>	<u>292</u>
Total liabilities and equity	<u>\$ 5,197</u>	<u>\$ 4,110</u>

The accompanying notes are an integral part of these unaudited Condensed Consolidated Financial Statements.

**BIOSIG TECHNOLOGIES, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS**  
(In Thousands, Except Par Value and Share Amounts)  
*(unaudited)*

	Three months ended March 31, 2023	2022
Revenue:		
Service	\$ 5	\$ 8
Total revenue	5	8
Operating expenses:		
Research and development	1,062	1,617
General and administrative	6,245	6,401
Depreciation and amortization	84	55
Total operating expenses	7,391	8,073
Loss from operations	(7,386)	(8,065)
Other income (expense):		
Interest income, net	4	-
Loss before income taxes	(7,382)	(8,065)
Income taxes (benefit)	-	-
Net loss	(7,382)	(8,065)
Non-controlling interest	50	102
Net loss attributable to BioSig Technologies, Inc.	(7,332)	(7,963)
Preferred stock dividend	(2)	(2)
NET LOSS ATTRIBUTABLE TO COMMON SHAREHOLDERS	\$ (7,334)	\$ (7,965)
Net loss per common share, basic and diluted	\$ (0.12)	\$ (0.22)
Weighted average number of common shares outstanding, basic and diluted	61,426,514	35,997,298

The accompanying notes are an integral part of these unaudited Condensed Consolidated Financial Statements.

**BIOSIG TECHNOLOGIES, INC.**  
**CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY**  
**THREE MONTHS ENDED MARCH 31, 2023**  
(In Thousands, Except Par Value and Share Amounts)

	Common stock		Additional	Accumulated	Non-	
	Shares	Amount	Paid in	Deficit	controlling	Total
			Capital		Interest	
Balance, December 31, 2022	54,610,638	\$ 55	\$ 216,232	\$ (215,974)	\$ (21)	\$ 292
Common stock issued for services	1,167,500	1	1,096	-	-	1,097
Common stock issued in settlement of accounts payable	88,000	*	105	-	-	105
Sale of common stock and warrants, net transactional costs of \$482	8,500,300	8	6,740	-	-	6,748
Stock based compensation	2,491,249	3	1,044	-	5	1,052
Preferred stock dividend	-	-	(2)	-	-	(2)
Net loss	-	-	-	(7,332)	(50)	(7,382)
Balance, March 31, 2023 <i>(unaudited)</i>	<u>66,857,687</u>	<u>\$ 67</u>	<u>\$ 225,215</u>	<u>\$ (223,306)</u>	<u>\$ (66)</u>	<u>\$ 1,910</u>

\* - less than \$1

The accompanying notes are an integral part of these unaudited Condensed Consolidated Financial Statements.

**BIOSIG TECHNOLOGIES, INC.**  
**CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY**  
**THREE MONTHS ENDED MARCH 31, 2022**  
(In Thousands, Except Par Value and Share Amounts)

	Common stock		Additional	Accumulated	Non-	Total
	Shares	Amount	Paid in	Deficit	controlling	
			Capital		Interest	
Balance, December 31, 2021	35,567,180	\$ 36	\$ 201,127	\$ (188,922)	\$ 219	\$ 12,460
Common stock issued for services	1,312,500	1	1,600	-	-	1,601
Change in fair value of modified options	-	-	15	-	-	15
Sale of common stock and warrants, net transactional costs of \$3	2,613,130	2	3,000	-	-	3,002
Stock based compensation	6,249	*	500	-	(101)	399
Preferred stock dividend	-	-	(2)	-	-	(2)
Net loss	-	-	-	(7,963)	(102)	(8,065)
Balance, March 31, 2022 <i>(unaudited)</i>	39,559,059	\$ 39	\$ 206,240	\$ (196,885)	\$ 16	\$ 9,410

\* - less than \$1

The accompanying notes are an integral part of these unaudited Condensed Consolidated Financial Statements.

**BIOSIG TECHNOLOGIES, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(In Thousands, Except Par Value and Share Amounts)  
(unaudited)

	<b>Three months ended March 31,</b>	
	<b>2023</b>	<b>2022</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>		
Net loss	\$ (7,382)	\$ (8,065)
Adjustments to reconcile net loss to cash used in operating activities:		
Depreciation and amortization	84	55
Non-cash lease expense	71	85
Equity based compensation	2,149	2,000
Change in fair value of modified options	-	15
Changes in operating assets and liabilities:		
Accounts receivable	(8)	-
Lease receivables	25	-
Inventory	(9)	(145)
Prepaid expenses and other	(151)	43
Deferred revenue	(5)	(8)
Customer deposits	8	-
Accounts payable and accrued expenses	(355)	165
Operating lease liabilities	(75)	(86)
Net cash used in operating activities	(5,648)	(5,941)
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>		
Purchase of property and equipment	(45)	(55)
Net cash used in investing activity	(45)	(55)
<b>CASH FLOWS FROM FINANCING ACTIVITIES:</b>		
Proceeds from sale of common stock and warrants, net of issuance costs	6,748	3,002
Net cash provided by financing activities	6,748	3,002
Net increase (decrease) in cash and cash equivalents	1,055	(2,994)
Cash, beginning of the period	357	11,659
Cash, end of the period	<u>\$ 1,412</u>	<u>\$ 8,665</u>
<b>Supplemental disclosures of cash flow information:</b>		
Cash paid during the period for interest	\$ -	\$ -
Cash paid during the period for income taxes	\$ -	\$ -
<b>Noncash investing and financing activities:</b>		
Common stock issued in settlement of debt	\$ 105	\$ -
Dividend payable on preferred stock charged to additional paid in capital	<u>\$ 2</u>	<u>\$ 2</u>

The accompanying notes are an integral part of these unaudited Condensed Consolidated Financial Statements.

**BIO SIG TECHNOLOGIES, INC.**  
**NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**MARCH 31, 2023**  
*(unaudited)*

**NOTE 1 – NATURE OF OPERATIONS AND BASIS OF PRESENTATION**

*Business and organization*

BioSig Technologies, Inc. was initially incorporated on February 24, 2009 under the laws of the State of Nevada and subsequently re-incorporated in the state of Delaware in 2011. The Company is principally devoted to improving the standard care in electrophysiology with our PURE EP System's enhanced signal acquisition, digital signal processing, and analysis during ablation of cardiac arrhythmias. The Company has generated minimal revenue to date and consequently its operations are subject to all risks inherent in business enterprises in early commercialization stage.

On November 7, 2018, the Company formed a subsidiary under the laws of the State of Delaware originally under the name of NeuroClear Technologies, Inc. which was renamed to ViralClear Pharmaceuticals, Inc. ("ViralClear") in March 2020. The subsidiary was established to pursue additional applications of the PURE EP™ signal processing technology outside of cardiac electrophysiology, and subsequently in 2020, was repurposed to develop merimepodib, a broad-spectrum anti-viral agent that showed potential for the treatment of COVID-19. Since late 2020, ViralClear has been realigned with its original objective of pursuing additional applications of the PURE EP™ signal processing technology outside of cardiac electrophysiology.

As of March 31, 2023, the Company had a majority interest in ViralClear of 69.08%.

On July 2, 2020, the Company formed an additional subsidiary, NeuroClear Technologies, Inc., a Delaware corporation.

The unaudited condensed consolidated financial statements include the accounts of BioSig Technologies, Inc., its wholly owned subsidiary, NeuroClear Technologies, Inc. and its majority owned subsidiary, ViralClear Pharmaceuticals, Inc. as the "Company" or "BioSig".

The unaudited condensed consolidated financial statements of the Company have been prepared in accordance with accounting principles generally accepted in the United States ("GAAP") for interim financial information and the instructions to Form 10-Q and Rule 8-03 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation have been included.

The condensed consolidated balance sheet as of December 31, 2022 has been derived from audited financial statements.

Operating results for the three months ended March 31, 2023 are not necessarily indicative of results that may be expected for the year ending December 31, 2023. These unaudited condensed consolidated financial statements should be read in conjunction with the audited financial statements for the year ended December 31, 2022 filed with the Company's Form 10-K with the Securities and Exchange Commission on March 31, 2023.

**COVID-19**

The World Health Organization recently determined that COVID-19 no longer fit the definition of a public health emergency and the U.S. government has announced its plan to let the declaration of a public health emergency associated with COVID-19 expire on May 11, 2023. COVID-19 is expected to remain a serious endemic threat for an indefinite future period and may continue to adversely affect the global economy, resulting in delays to our commercialization objectives of the PURE EP Systems during 2023.

**Inflation Reduction Act of 2022**

On August 16, 2022, the U.S. government enacted the Inflation Reduction Act of 2022 that includes, among other provisions, changes to the U.S. corporate income tax system, including a fifteen percent minimum tax based on "adjusted financial statement income," which is effective for tax years beginning after December 31, 2022, and a one percent excise tax on net repurchases of stock after December 31, 2022. The Company is continuing to evaluate the Inflation Reduction Act and its requirements, as well as the application to our business, but at this time does not expect the Inflation Reduction Act to have a material impact on our financial results.



**BIOSIG TECHNOLOGIES, INC.**  
**NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**MARCH 31, 2023**  
**(unaudited)**

**NOTE 2 – GOING CONCERN AND MANAGEMENT’S LIQUIDITY PLANS**

As of March 31, 2023, the Company had cash of \$1.4 million and working capital deficit of \$(0.7) million. During the three months ended March 31, 2023, the Company used net cash in operating activities of \$5.6 million. These conditions raise substantial doubt about the Company’s ability to continue as a going concern.

The Company’s primary source of operating funds since inception has been cash proceeds from sale of common and preferred stock. The Company has experienced net losses and negative cash flows from operations since inception and expects these conditions to continue for the foreseeable future.

The Company’s plans include the continued commercialization of the PURE EP System and other applications of our core technology and raising capital through the sale of additional equity securities, debt or capital inflows from strategic partnerships. The Company’s strategic shift from a focus on technology development to commercialization will allow the Company to significantly reduce operating expenses.

The Company will require additional financing to fund future operations. Further, although the Company began commercial operations; there is no assurance that the Company will be able to generate sufficient cash flow to fund operations. In addition, there can be no assurance that the Company’s continuing research and development will be successfully completed or that any additional products will be commercially viable.

Accordingly, the accompanying unaudited condensed consolidated financial statements have been prepared in conformity with U.S. GAAP, which contemplates continuation of the Company as a going concern and the realization of assets and satisfaction of liabilities in the normal course of business. The carrying amounts of assets and liabilities presented in the unaudited condensed consolidated financial statements do not necessarily purport to represent realizable or settlement values. The unaudited condensed consolidated financial statements do not include any adjustment that might result from the outcome of this uncertainty.

**NOTE 3 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

*Use of Estimates*

The preparation of these unaudited condensed consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Significant estimates include the recoverability and useful lives of long-lived assets, stock-based compensation and the valuation allowance related to deferred tax assets. Actual results may differ from these estimates.

*Revenue Recognition*

The Company derives its revenue primarily from the sale and lease of its medical device, the PURE EP™ System, and well as related support and maintenance services and software upgrades in connection with the system.

The Company recognizes revenue in accordance with Accounting Standards Codification (ASC) 842, *Leases* (“ASC 842”) for lease components and ASC 606, *Revenue from Contracts with Customers* (“ASC 606”) for non-lease components. For medical device sales, the Company recognize revenue under ASC 606.

The core principle of ASC 606 is that an entity recognizes revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services.

**BIOSIG TECHNOLOGIES, INC.**  
**NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**MARCH 31, 2023**  
*(unaudited)*

Under ASC 606, the Company determines revenue recognition through the following five steps:

- Identify the contract with the customer;
- Identify the performance obligations in the contract;
- Determine the transaction price;
- Allocate the transaction price to the performance obligation in the contract; and
- Recognize revenue when, or as, the performance obligations are satisfied.

Performance obligations are the units of accounting for revenue recognition and generally represent the distinct goods or services that are promised to the customer. If the Company determines that it has not satisfied a performance obligation, it will defer recognition of the revenue until the performance obligation is deemed to be satisfied. Once the PURE EP system is delivered, installed, and accepted by the customer, our performance obligation is recognized. Support, maintenance, and software upgrades are performance obligations over a defined period and are recognized ratably over the contractual service period. Customers typically purchase these services with the initial sale of the PURE EP System and do not have the right to terminate their contracts unless we fail to perform material obligations.

The Company may execute more than one contract with a single customer. If so, it is evaluated whether the agreements were negotiated as a package with a single objective, whether the amount of consideration to be paid in one agreement depends on the price and/or performance of another agreement, or whether the goods or services promised in the agreements represent a single performance obligation. The conclusions reached can impact the allocation of the transaction price to each performance obligation and the timing of revenue recognition related to those arrangements.

The Company records accounts receivable for amounts invoiced to customers for which the Company has an unconditional right to consideration as provided under the contractual arrangement. Unbilled receivables, if any, include amounts related to the Company's contractual right to consideration for completed performance obligations not yet invoiced. Deferred revenue includes payments received in advance of performance under the contract. Our unbilled receivables and deferred revenue are reported on an individual contract basis at the end of each reporting period. Unbilled receivables are classified as current or noncurrent based on the timing of when we expect to bill the customer. Deferred revenue is classified as current or noncurrent based on the timing of when we expect to recognize revenue.

The Company's unconditional right to consideration for goods and services transferred to the customer is included in accounts receivable, net (if any) in the Company's consolidated balance sheet.

In 2022, the Company entered two leases for our PURE EP system at a rate of \$4,333 per month each. The term of the leases is for 30 months with an option provided to extend for an additional one year. The leases also have an option to purchase at the end of the lease at the fair market value. The Company accounts for the leases in accordance with ASC 842 and ASC 606.

The Company determined the leases meet the criteria of a sales-type lease whereby the present value of the future expected revenue (less the present value of the estimated unguaranteed residual value), cost of sales and profit and loss are recognized at the lease inception. Non-lease components are recognized under ASC 606. The discount rate utilized was the contract explicit rate of 2% per annum. (See Note 6 – Lease Receivables).

A reconciliation of contract liabilities with customers for the three months ended March 31, 2023 and 2022, are presented below:

*Three months ended March 31, 2023:*

	Balance at December 31, 2022 (000's)	Consideration Received (000's)	Recognized in Revenue (000's)	Balance at March 31, 2023 (000's)
Service revenue	\$ 5	\$ -	\$ (5)	\$ -

**BIOSIG TECHNOLOGIES, INC.**  
**NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**MARCH 31, 2023**  
*(unaudited)*

Three months ended March 31, 2022:

	Balance at December 31, 2021 (000's)	Consideration Received (000's)	Recognized in Revenue (000's)	Balance at March 31, 2022 (000's)
Service revenue	\$ 37	\$ -	\$ (8)	\$ 29

The table below summarizes our deferred revenue as of March 31, 2023 and December 31, 2022:

	March 31, 2023 (000's)	December 31, 2022 (000's)
Deferred revenue-current	\$ -	\$ 5
Deferred revenue-noncurrent	-	-
Total deferred revenue	<u>\$ -</u>	<u>\$ 5</u>

The Company had one customer which accounts for 100% of our revenue in the three months ended March 31, 2023 and 2022.

At March 31, 2023, the Company had three customers representing 45.3%, 28.5% and 26.2% of the outstanding accounts receivable.

At December 31, 2022, the Company had two customers representing 52.2% and 47.8% of the outstanding accounts receivable.

The Company utilized one contract manufacturer for the manufacture and supply of the PURE EP system for the three months ended March 31, 2023 and 2022.

#### *Cost of Revenue*

Cost of revenue consists primarily of the delivered cost of our medical device(s) sold or the leased under a sales-type lease.

#### *Allowance for Doubtful Accounts*

The Company adjusts accounts receivable down to net realizable value with its allowance methodology. In determining the allowance for doubtful accounts for estimated losses, aged receivables are analyzed periodically by management. Each identified receivable is reviewed based upon historical collection experience, financial condition of the customer and the status of any open or unresolved issues with the customer preventing the payment thereof. Corrective action, if necessary, is taken by the Company to resolve open issues related to unpaid receivables. The allowance for doubtful accounts was \$0 at March 31, 2023 and December 31, 2022. The Company believes that its reserve is adequate, however results may differ in future periods. For the three months ended March 31, 2023 and 2022, bad debt expense totaled \$0.

#### *Concentrations of Credit Risk*

Financial instruments and related items, which potentially subject the Company to concentrations of credit risk, consist primarily of cash and cash equivalents. The Company places its cash and temporary cash investments with credit quality institutions. At times, such amounts may be in excess of the FDIC insurance limit. At March 31, 2023 and December 31, 2022, deposits in excess of FDIC limits were \$1.1 million and \$0.05 million, respectively.

**BIOSIG TECHNOLOGIES, INC.**  
**NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**MARCH 31, 2023**  
**(unaudited)**

*Fair Value of Financial Instruments*

Accounting Standards Codification subtopic 825-10, Financial Instruments (“ASC 825-10”) requires disclosure of the fair value of certain financial instruments. The carrying value of cash, accounts payable and accrued liabilities as reflected in the balance sheets, approximate fair value because of the short-term maturity of these instruments. All other significant financial assets, financial liabilities and equity instruments of the Company are either recognized or disclosed in the financial statements together with other information relevant for making a reasonable assessment of future cash flows, interest rate risk and credit risk. Where practicable the fair values of financial assets and financial liabilities have been determined and disclosed; otherwise only available information pertinent to fair value has been disclosed.

The Company follows Accounting Standards Codification subtopic 820-10, Fair Value Measurements and Disclosures (“ASC 820-10”) and ASC 825-10, which permits entities to choose to measure many financial instruments and certain other items at fair value.

*Inventory*

The inventory is comprised of finished goods available for sale and are stated at the lower of cost or net realizable value using specific identification method for serial numbered inventory and first-in, first-out method for all other inventory for valuation. The inventory March 31, 2023 and December 31, 2022 was comprised of the following:

	<b>March 31, 2023 (000's)</b>	<b>December 31, 2022 (000's)</b>
Finished goods-total	\$ 1,487	\$ 1,477
Finished goods-short term	345	336
Finished goods-long term	<u>\$ 1,142</u>	<u>\$ 1,141</u>

*Prepaid Expenses and Vendor Deposits*

Prepaid expenses and vendor deposits are comprised of prepaid insurance, operating expenses and other prepayments.

*Leases (lessee)*

The Company determines if a contractual arrangement is a lease at inception. Operating leases are included in operating lease right-of-use (“ROU”) assets, current operating lease liabilities, and noncurrent operating lease liabilities on the Company’s consolidated balance sheet. The Company evaluates and classifies leases as operating or finance leases for financial reporting purposes. The classification evaluation begins at the commencement date and the lease term used in the evaluation includes the non-cancellable period for which the Company has the right to use the underlying asset, together with renewal option periods when the exercise of the renewal option is reasonably certain and failure to exercise such option which result in an economic penalty. All the Company’s real estate leases are classified as operating leases. ROU assets represent the Company’s right to use an underlying asset for the lease term and lease liabilities represent the Company’s obligation to make lease payments arising from the lease. Operating lease ROU assets and liabilities are recognized at the commencement date of the lease based on the present value of lease payments over the lease term.

The lease payments included in the present value are fixed lease payments. As most of the Company’s leases do not provide an implicit rate, the Company estimates its collateralized incremental borrowing rate, based on information available at the commencement date, in determining the present value of lease payments. The Company applies the portfolio approach in applying discount rates to its classes of leases. The operating lease ROU assets include any payments made before the commencement date. Lease expense for lease payments is recognized on a straight-line basis over the lease term. The Company does not currently have subleases. The Company does not currently have residual value guarantees or restrictive covenants in its leases.

**BIOSIG TECHNOLOGIES, INC.**  
**NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**MARCH 31, 2023**  
**(unaudited)**

*Leases (lessor)*

The Company classifies contractual lease arrangements entered as a lessor as a sales-type, direct financing or operating lease as described in ASC 842-Leases. For sales-type leases, the Company derecognizes the leased asset and recognizes the lease investment on the balance sheet.

*Property and Equipment*

Property and equipment are stated at cost and depreciated using the straight-line method over their estimated useful lives of 3 to 5 years. When retired or otherwise disposed, the related carrying value and accumulated depreciation are removed from the respective accounts and the net difference less any amount realized from disposition, is reflected in earnings.

*Other Assets:*

Other assets are comprised of the following:

	<b>March 31, 2023 (000's)</b>	<b>December 31, 2022 (000's)</b>
Vendor deposits	\$ 200	\$ -
Security deposits	43	43
Trademarks	1	1
Total other assets	<u>\$ 244</u>	<u>\$ 44</u>

*Impairment of Long-lived Assets*

The Company recognizes an impairment of long-lived assets used in operations, other than goodwill, when events or circumstances indicate that the asset might be impaired and the estimated undiscounted cash flows to be generated by those assets over their remaining lives are less than the carrying amount of those items. The net carrying value of assets not recoverable is reduced to fair value, which is typically calculated using the discounted cash flow method. The Company did not recognize and record any impairments of long-lived assets used in operations during the three months ended March 31, 2023 and 2022.

*Research and Development Costs*

The Company accounts for research and development costs in accordance with the Accounting Standards Codification subtopic 730-10, Research and Development ("ASC 730-10"). Under ASC 730-10, all research and development costs must be charged to expense as incurred. Accordingly, internal research and development costs are expensed as incurred. Third-party research and developments costs are expensed when the contracted work has been performed or as milestone results have been achieved. Company-sponsored research and development costs related to both present and future products are expensed in the period incurred. The Company incurred research and development expenses of \$1.1 million and \$1.6 million for the three months ended March 31, 2023 and 2022, respectively.

*Net Income (loss) Per Common Share*

The Company computes earnings (loss) per share under Accounting Standards Codification subtopic 260-10, Earnings Per Share ("ASC 260-10"). Net loss per common share is computed by dividing net loss by the weighted average number of shares of common stock outstanding during the period. Diluted earnings per share, if presented, would include the dilution that would occur upon the exercise or conversion of all potentially dilutive securities into common stock using the "treasury stock" and/or "if converted" methods as applicable.

The computation of basic and diluted loss per share as of March 31, 2023 and 2022 excludes potentially dilutive securities when their inclusion would be anti-dilutive, or if their exercise prices were greater than the average market price of the common stock during the period.

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Potentially dilutive securities excluded from the computation of basic and diluted net income (loss) per share are as follows:

	March 31, 2023	March 31, 2022
Series C convertible preferred stock	514,984	162,634
Options to purchase common stock	4,616,151	4,869,484
Warrants to purchase common stock	8,867,786	3,432,040
Restricted stock units to acquire common stock	430,835	82,500
Totals	<u>14,429,756</u>	<u>8,546,658</u>

*Stock Based Compensation*

The Company measures the cost of services received in exchange for an award of equity instruments based on the fair value of the award as measured on the grant date. The fair value amount is then recognized over the period during which services are required to be provided in exchange for the award, usually the vesting period.

*Income Taxes*

The Company follows Accounting Standards Codification subtopic 740-10, Income Taxes (“ASC 740-10”) for recording the provision for income taxes. Deferred tax assets and liabilities are computed based upon the difference between the financial statement and income tax basis of assets and liabilities using the enacted marginal tax rate applicable when the related asset or liability is expected to be realized or settled. Deferred income tax expenses or benefits are based on the changes in the asset or liability during each period. If available evidence suggests that it is more likely than not that some portion or all of the deferred tax assets will not be realized, a valuation allowance is required to reduce the deferred tax assets to the amount that is more likely than not to be realized. Future changes in such valuation allowance are included in the provision for deferred income taxes in the period of change. Deferred income taxes may arise from temporary differences resulting from income and expense items reported for financial accounting and tax purposes in different periods.

*Patents, Net*

The Company capitalizes certain initial asset costs in connection with patent applications including registration, documentation and other professional fees associated with the application. Patent costs incurred prior to the Company’s U.S. Food and Drug Administration (“FDA”) 510(k) application on March 28, 2018 were charged to research and development expense as incurred. Commencing upon first in-man trials on February 18 and 19, 2019, capitalized costs are amortized to expense using the straight-line method over the lesser of the legal patent term or the estimated life of the product of 20 years. During the three months ended March 31, 2023 and 2022, the Company recorded amortization of \$4,851 and \$4,751 to current period operations, respectively.

*Warranty*

The Company generally warrants its products to be free from material defects and to conform to material specifications for a period of up to two (2) years. Warranty expense is estimated based primarily on historical experience and is reflected in the consolidated financial statements.

*Segment Information*

Operating segments are identified as components of an enterprise about which separate discrete financial information is available for evaluation by the chief operating decision maker, or decision-making group, in making decisions how to allocate resources and assess performance. The information disclosed herein represents all of the material financial information related to the Company’s principal operating segments. (See Note 12 – Segment Reporting).

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*Non-controlling Interest*

The Company's non-controlling interest represents the non-controlling shareholders ownership interests related to the Company's subsidiary, ViralClear. The Company reports its non-controlling interest in subsidiaries as a separate component of equity in the unaudited condensed consolidated balance sheets and reports both net loss attributable to the non-controlling interest and net loss attributable to the Company's common shareholders on the face of the unaudited condensed consolidated statements of operations. The Company's equity interest in ViralClear is 69.08% and the non-controlling stockholders' interest is 30.92% as of March 31, 2023. This is reflected in the consolidated statements of changes in equity.

*Warrants*

The Company accounts for stock warrants as either equity instruments, derivative liabilities, or liabilities in accordance with ASC 480, Distinguishing Liabilities from Equity (ASC 480), and ASC 815, Derivatives and Hedging (ASC 815), depending on the specific terms of the warrant agreement.

*Recent Accounting Pronouncements*

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments-Credit Losses* (Topic 326): *Measurement of Credit Losses on Financial Instruments* ("ASU 2016-13"), which requires the measurement and recognition of expected credit losses for financial assets held at amortized cost. ASU 2016-13 replaces the existing incurred loss impairment model with an expected loss model that requires the use of forward-looking information to calculate credit loss estimates. It also eliminates the concept of other-than-temporary impairment and requires credit losses on available-for-sale debt securities to be recorded through an allowance for credit losses instead of as a reduction in the amortized cost basis of the securities. ASU 2016-13 was effective for annual periods, and interim periods within those annual periods, beginning after December 15, 2019. On January 1, 2023, the Company adopted ASU 2016-13. The adoption did not have a material impact on the Company's financial position, results of operations or cash flows.

There were various updates recently issued, most of which represented technical corrections to the accounting literature or application to specific industries and are not expected to have a material impact on the Company's financial position, results of operations or cash flows.

**NOTE 4 – PROPERTY AND EQUIPMENT**

Property and equipment as of March 31, 2023 and December 31, 2022 is summarized as follows:

	<b>March 31, 2023 (000's)</b>	<b>December 31, 2022 (000's)</b>
Computer equipment	\$ 435	\$ 397
Furniture and fixtures	109	109
Manufacturing equipment	372	372
Testing/Demo equipment	311	304
Leasehold improvements	84	84
Total	1,311	1,266
Less accumulated depreciation	(681)	(601)
Property and equipment, net	<u>\$ 630</u>	<u>\$ 665</u>

Property and equipment are stated at cost and depreciated using the straight-line method over their estimated useful lives of 3 to 5 years. Leasehold improvements are depreciated over the related expected lease term. When retired or otherwise disposed, the related carrying value and accumulated depreciation are removed from the respective accounts and the net difference less any amount realized from disposition, is reflected in earnings.

Depreciation expense was \$79,468 and \$50,082 for three months ended March 31, 2023 and 2022, respectively.

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**NOTE 5 – RIGHT TO USE ASSETS AND LEASE LIABILITY**

As of March 31, 2023 and December 31, 2022, the Company had outstanding two leases with aggregate payments of \$29,500 and \$28,951 per month, respectively, expiring through July 31, 2025.

Right to use assets is summarized below:

	March 31, 2023 (000's)	December 31, 2022 (000's)
Right to use asset	\$ 995	\$ 995
Less accumulated amortization	(361)	(290)
Right to use assets, net	<u>\$ 634</u>	<u>\$ 705</u>

During the three months ended March 31, 2023 and 2022, the Company recorded \$92,081 and \$107,734 as lease expense to current period operations, respectively.

Lease liability is summarized below:

	March 31, 2023 (000's)	December 31, 2022 (000's)
Total lease liability	\$ 689	\$ 765
Less: short term portion	(321)	(313)
Long term portion	<u>\$ 368</u>	<u>\$ 452</u>

Maturity analysis under these lease agreements are as follows (000's):

Year ended December 31, 2023	\$ 268
Year ended December 31, 2024	370
Year ended December 31, 2025	106
Total	744
Less: Present value discount	(55)
Lease liability	<u>\$ 689</u>

Lease expense for the three months ended March 31, 2023 and 2022 was comprised of the following:

	March 31, 2023 (000's)	March 31, 2022 (000's)
Operating lease expense	\$ 71	\$ 85
Short-term lease expense	6	9
Variable lease expense	15	14
Total	<u>\$ 92</u>	<u>\$ 108</u>

**NOTE 6 – LEASE RECEIVABLES**

In 2022, the Company entered into two leases for our PURE EP system at a rate of \$4,333 per month each. The term of the leases is for 30 months with an option provided to extend for an addition one year. The leases also have an option to purchase at the end of the lease at the fair market value.



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The Company determined the leases meet the criteria of a sales-type lease whereby the present value of the future expected revenue (less the present value of the estimated unguaranteed residual value), cost of sales and profit and loss are recognized at the lease inception. The discount rate utilized was the contract explicit rate of 2% per annum. The present value of the unguaranteed residual assets of \$4 are included in net investment in leases in the balance sheet.

A reconciliation of lease receivables with customers for the three months ended March 31, 2023 is presented below (none for 2022):

*Three months ended March 31, 2023:*

	Balance at December 31, 2022 (000's)	Recognized in Revenue (000's)	Invoiced to Customer (000's)	Interest Earned (000's)	Unguaranteed Residual Assets (000's)	Balance at March 31, 2023 (000's)
Contract asset	\$ 221	\$ -	\$ (30)	\$ -	\$ 4	\$ 195
Less current portion	(101)	-	-	-	-	(101)
Noncurrent portion	<u>\$ 120</u>	<u>\$ -</u>	<u>\$ (30)</u>	<u>\$ -</u>	<u>\$ 4</u>	<u>\$ 94</u>

Future cash flows under this lease agreement are as follows (000's):

Year ended December 31, 2023	\$ 78
Year ended December 31, 2024	104
Year ended December 31, 2025	13
Present value of unguaranteed residual assets	4
Total	<u>199</u>
Less: Present value discount	(4)
Net investment in leases	<u>\$ 195</u>

**NOTE 7 – ACCOUNTS PAYABLE AND ACCRUED EXPENSES**

Accounts payable and accrued expenses at March 31, 2023 and December 31, 2022 consist of the following:

	March 31, 2023 (000's)	December 31, 2022 (000's)
Accrued accounting and legal	\$ 735	\$ 646
Accrued reimbursements and travel	77	33
Accrued consulting	530	546
Accrued research and development expenses	187	625
Accrued product and equipment purchases	33	-
Accrued marketing	96	256
Accrued office and other	169	220
Accrued payroll	552	513
Accrued settlement related to arbitration	13	13
	<u>\$ 2,392</u>	<u>\$ 2,852</u>

**NOTE 8 – STOCKHOLDERS' EQUITY**

*Preferred stock*

The Company is authorized to issue 1,000,000 shares of \$0.001 par value preferred stock. As of March 31, 2023 and December 31, 2022, the Company has designated 200 shares of Series A preferred stock, 600 shares of Series B preferred stock, 4,200 shares of Series C Preferred Stock, 1,400 shares of Series D Preferred Stock, 1,000 shares of Series E Preferred Stock and 200,000 shares of Series F Preferred Stock. As of March 31, 2023 and December 31, 2022, there were no outstanding shares of Series A, Series B, Series D, Series E and Series F preferred stock.

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*Series C Preferred Stock*

As of March 31, 2023 and December 31, 2022, the Company had 105 shares of Series C Preferred stock issued and outstanding. In 2022, the conversion price of the Series C Preferred stock was reset from \$2.27 per share to \$0.25 per share. As such, the Company recorded a noncash deemed dividend of \$209,682 during the year ended December 31, 2022.

*Common stock*

The Company is authorized to issue 200,000,000 shares of \$0.001 par value common stock. As of March 31, 2023 and December 31, 2022, the Company had 66,857,687 and 54,610,638 shares issued and outstanding, respectively.

During the three months ended March 31, 2023, the Company issued an aggregate of 3,537,500 shares of common stock for services at a fair value of \$2,157,866, of which 2,370,000 common shares at a fair value of \$1,060,740 was accrued at December 31, 2022.

During the three months ended March 31, 2023, the Company issued an aggregate of 88,000 shares of common stock in settlement of 2022 board fees at a fair value of \$104,720.

During the three months ended March 31, 2023, the Company issued an aggregate of 121,249 shares of common stock for vested restricted stock units.

At March 31, 2023, the Company accrued 715,000 shares of common stock for services at a fair value of \$565,550 and board fees of \$110,000 as stock based compensation.

*Equity sales:*

From January through March 2023, the Company entered into multiple Securities Purchase Agreements with certain institutional and accredited investors, pursuant to which the Company sold to the investors an aggregate of 8,500,300 shares of common stock at an average purchase price of \$0.85 per share, and warrants to purchase up to an aggregate of 4,250,150 shares of common stock at an average exercise price of \$0.80 per share, that will become exercisable six months after the date of issuance and will expire five and one-half years following the date of issuance, in exchange for aggregate consideration of \$6,748,493, net of expenses of \$480,946 (the “2023 PIPEs”).

Pursuant to certain engagement agreements, dated October 11, 2022 and February 24, 2023 the Company had entered into with Laidlaw & Company (UK) Ltd. (“Laidlaw”), the Company issued to Laidlaw in connection with the 2023 PIPEs, warrants to purchase an aggregate of 400,525 shares of common stock at an average exercise price of \$0.7884 per share. The Laidlaw warrants become exercisable six months after the date of issuance and will expire five and one-half years following the date of issuance.

**NOTE 9 – OPTIONS, RESTRICTED STOCK UNITS AND WARRANTS**

*BioSig Technologies, Inc.*

*2023 Long-Term Incentive Plan*

On December 27, 2022, the Board of Directors of BioSig Technologies, Inc. approved the 2023 Long-Term Incentive Plan (the “Plan”) and on February 7, 2023 it was approved by the Company’s shareholders. The Plan provides for the issuance of options, stock appreciation rights, restricted stock, restricted stock units, performance awards, dividend equivalent rights, other awards, performance goals, and tandem awards which may be granted singly or in combination, or in tandem, to purchase up to 5,265,945 shares of the Company’s common stock to officers, directors, employees and consultants of the Company. Under the terms of the Plan the Company may issue Incentive Stock Options as defined by the Internal Revenue Code to employees of the Company only and nonqualified options. The Board of Directors of the Company or a committee thereof (the “Administrator”) administers the Plan and determines the exercise price, vesting and expiration period of the grants under the Plan.

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However, the exercise price of an Incentive Stock Option should not be less than 110% of fair value of the common stock at the date of the grant for a 10% or more stockholder and 100% of fair value for a grantee who is not 10% stockholder. The fair value of the common stock is determined based on the quoted market price or in absence of such quoted market price, by the Administrator in good faith.

Additionally, the vesting period of the grants under the Plan will be determined by the Administrator, in its sole discretion, with an expiration period of not more than ten years. There are 4,052,945 shares remaining available for future issuance of awards under the terms of the Plan as of March 31, 2023.

*Options*

Option valuation models require the input of highly subjective assumptions. The fair value of stock-based payment awards was estimated using the Black-Scholes option model with a volatility figure derived from historical stock prices of the Company. The Company accounts for the expected life of options using the based on the contractual life of options for non-employees.

For employees, the Company accounts for the expected life of options in accordance with the “simplified” method, which is used for “plain-vanilla” options, as defined in the accounting standards codification. The risk-free interest rate was determined from the implied yields of U.S. Treasury zero-coupon bonds with a remaining life consistent with the expected term of the options.

During the three months ended March 31, 2023, the Company granted 250,000 options to an officer.

The following table presents information related to stock options at March 31, 2023:

Options Outstanding			Options Exercisable	
Exercise Price	Number of Options	Weighted Average Remaining Life In Years	Exercisable Number of Options	
\$ Under 1.00	398,000	8.6	200,000	
1.00-1.99	1,119,000	9.1	276,665	
2.00-2.99	855,375	8.6	650,623	
3.00-3.99	387,466	3.4	387,466	
4.00-4.99	1,140,916	4.7	1,055,895	
5.00-5.99	156,132	5.9	142,374	
6.00-6.99	336,542	4.5	336,542	
7.00-7.99	157,720	5.5	154,387	
Over 8.00	65,000	4.4	65,000	
	4,616,151	6.7	3,268,952	

A summary of the stock option activity and related information for the Plan for the three months ended March 31, 2023 is as follows:

	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding at December 31, 2022	4,555,484	\$ 3.49	6.7	\$ 3,000
Grants	250,000	\$ 1.25	10.0	\$ -
Forfeited/expired	(189,333)	\$ 5.23		
Outstanding at March 31, 2023	4,616,151	\$ 3.30	6.7	\$ 184,520
Exercisable at March 31, 2023	3,268,952	\$ 3.98	6.0	\$ 125,750

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The aggregate intrinsic value in the preceding tables represents the total pretax intrinsic value, based on options with an exercise price less than the stock price of BioSig Technologies, Inc. of \$1.14 as of March 31, 2023, which would have been received by the option holders had those option holders exercised their options as of that date.

On February 16, 2023, the Company granted 250,000 options to purchase the Company's common stock in connection with services rendered at the exercise price of \$1.25 per share for a term of ten years and with vesting quarterly over one year.

The following assumptions were used in determining the fair value of options during the three months ended March 31, 2023:

Risk-free interest rate	4.06%
Dividend yield	0%
Stock price volatility	96.19%
Expected life	5.5 years
Weighted average grant date fair value	\$ 0.96

The fair value of all options vesting during the three months ended March 31, 2023 and 2022 of \$257,187 and \$649,992, respectively, was charged to current period operations. Unrecognized compensation expense of \$1,270,896 at March 31, 2023 will be expensed in future periods.

*Warrants*

The following table summarizes information with respect to outstanding warrants to purchase common stock of BioSig Technologies, Inc. at March 31, 2023:

Exercise Price	Number Outstanding	Expiration Date
\$ 0.4066	250,000	November 2032
\$ 0.4100	60,976	May 2028
\$ 0.4455	1,130,012	June 2028
\$ 0.5136	1,160,372	July 2028
\$ 0.7181	957,596	July 2028
\$ 0.7502	98,436	July 2028
\$ 0.7963	883,206	August 2028
\$ 0.9000	217,083	June 2027
\$ 1.0099	191,154	August 2028
\$ 1.0260	517,030	September 2028
\$ 1.0468	842,881	September 2028
\$ 1.4000	1,740,130	September 2025
\$ 4.8000	250,000	February 2025 to July 2026
\$ 6.1600	568,910	November 2027
	<u>8,867,786</u>	

During the three months ended March 31, 2023, the Company issued warrants to purchase an aggregate of 4,250,150 shares of its common stock to investors and warrants to purchase 400,525 shares of its common stock for engagement services at an average exercise price of \$0.7884 per share that are exercisable six months after the date of issuance and will expire five and one-half years following the date of issuance.

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A summary of the warrant activity for the three months ended March 31, 2023 is as follows:

	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding at December 31, 2022	4,217,111	\$ 1.89	4.3	\$ 3,960
Issued	4,650,675	\$ 0.79	5.4	-
Outstanding at March 31, 2023	8,867,786	\$ 1.31	4.8	\$ -
Vested and expected to vest at March 31, 2023	8,867,786	\$ 1.31	4.8	\$ 2,699,954
Exercisable at March 31, 2023	3,026,123	\$ 2.46	3.6	\$ 235,450

The aggregate intrinsic value in the preceding tables represents the total pretax intrinsic value, based on options with an exercise price less than the company's stock price of \$1.14 as of March 31, 2023, which would have been received by the option holders had those option holders exercised their options as of that date.

*Restricted Stock Units*

The following table summarizes the restricted stock activity for the three months ended March 31, 2023:

Restricted shares issued as of January 1, 2023	239,584
Granted	312,500
Vested and issued	(121,249)
Vested restricted shares as of March 31, 2023	-
Unvested restricted shares as of March 31, 2023	430,835

On January 29, 2023, in connection with a separation agreement, the Company granted 125,000 restricted stock units vesting at separation date at a fair value of \$92,500.

On March 27, 2023, the Company granted an aggregate of 187,500 restricted stock units vesting on March 27, 2024 for services at a fair value of \$223,125.

Stock based compensation expense related to restricted stock grants was \$104,704 and \$69,754 for the three months ended March 31, 2023 and 2022, respectively. As of March 31, 2023, the stock-based compensation relating to restricted stock of \$318,576 remains unamortized.

*ViralClear Pharmaceuticals, Inc.*

*2019 Long-Term Incentive Plan*

On September 24, 2019, ViralClear's Board of Directors approved the 2019 Long-Term Incentive Plan (as subsequently amended, the "ViralClear Plan"). The ViralClear Plan was approved by BioSig as ViralClear's majority stockholder. The ViralClear Plan provides for the issuance of options, stock appreciation rights, restricted stock and restricted stock units to purchase up to 4,000,000 shares of ViralClear's common stock to officers, directors, employees and consultants of the ViralClear. Under the terms of the ViralClear Plan, ViralClear may issue Incentive Stock Options as defined by the Internal Revenue Code to employees of ViralClear only and nonqualified options. The Board of Directors of ViralClear or a committee thereof (the "Administrator") administers the ViralClear Plan and determines the exercise price, vesting and expiration period of the grants under the ViralClear Plan.

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However, the exercise price of an Incentive Stock Option should not be less than 110% of fair market value of the common stock at the date of the grant for a 10% or more stockholder and 100% of fair market value for a grantee who is not 10% stockholder. The fair market value of the common stock is determined based on the quoted market price or in absence of such quoted market price, by the Administrator in good faith.

Additionally, the vesting period of the grants under the ViralClear Plan will be determined by the Administrator, in its sole discretion, with an expiration period of not more than ten years. There are 2,650,071 shares remaining available for future issuance of awards under the terms of the ViralClear Plan.

*ViralClear Options*

The following table presents information related to stock options at March 31, 2023:

Options Outstanding			Options Exercisable
Exercise Price	Number of Options	Weighted Average Remaining Life In Years	Exercisable Number of Options
\$ 5.00	25,000	1.25	25,000

The fair value of all options vesting during the three months ended March 31, 2023 and 2022 of \$0 and \$36,520, respectively, was charged to current period operations. Unrecognized compensation expense of \$0 at March 31, 2023 will be expensed in future periods.

*Warrants (ViralClear)*

The following table presents information related to warrants (ViralClear) at March 31, 2023:

Exercise Price	Number Outstanding	Expiration Date
\$ 5.00	473,772	November 2027
10.00	6,575	May 2025
	480,347	

*Restricted stock units (ViralClear)*

The following table summarizes the restricted stock activity for the three months ended March 31, 2023:

Total restricted shares outstanding at March 31, 2023:	1,078,679
Comprised of:	
Vested restricted shares as of March 31, 2023	678,679
Unvested restricted shares as of March 31, 2023	400,000
Total	1,078,679

Stock based compensation expense related to restricted stock unit grants of ViralClear was \$14,535 and \$(356,396) for the three months ended March 31, 2023 and 2022, respectively. As of March 31, 2023, the stock-based compensation relating to restricted stock of \$43,605 remains unamortized.

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**NOTE 10 – NON-CONTROLLING INTEREST**

On November 7, 2018, the Company formed a subsidiary, now known as ViralClear, to pursue additional applications of the PURE EP™ signal processing technology outside of cardiac electrophysiology, and subsequently in 2020, was repurposed to develop merimepodib, a broad-spectrum anti-viral agent that showed potential for the treatment of COVID-19. Since late 2020, ViralClear has been realigned with its original objective of pursuing additional applications of the PURE EP™ signal processing technology outside of cardiac electrophysiology.

As of March 31, 2023 and December 31, 2022, the Company had a majority interest in ViralClear of 69.08%.

A reconciliation of the ViralClear Pharmaceuticals, Inc. non-controlling loss attributable to the Company:

Net loss attributable to the non-controlling interest for the three months ended March 31, 2023 (000's):

Net loss	\$ (161)
Average Non-controlling interest percentage of profit/losses	31.0%
Net loss attributable to the non-controlling interest	<u>\$ (50)</u>

Net loss attributable to the non-controlling interest for the three months ended March 31, 2022 (000's):

Net loss	\$ (322)
Average Non-controlling interest percentage of profit/losses	31.6%
Net loss attributable to the non-controlling interest	<u>\$ (102)</u>

The following table summarizes the changes in non-controlling interest for the three months ended March 31, 2023 (000's):

Balance, January 1, 2023	\$ (21)
Allocation of equity to non-controlling interest due to equity-based compensation issued	5
Net loss attributable to non-controlling interest	(50)
Balance, March 31, 2023	<u><u>\$ (66)</u></u>

**NOTE 11 – COMMITMENTS AND CONTINGENCIES**

***Licensing agreements***

***Master Services Agreement***

On January 1, 2022, the Company entered into a master services agreement with Access Strategy Partners Incorporated ("ASPI") whereby ASPI will provide commercial executives assigned with specific customer targets and develop sales and marketing plans that are mutually agreed to between ASPI and the Company and assist in their execution. The agreement expires two years from the effective date, with an addition one year extension option.

The Company is obligated to pay ASPI: i) a monthly service fee of \$40,000 and ii) 10% commission on all New Account revenue, as defined, on a quarterly basis. At March 31, 2023 and December 31, 2022, accounts payable due under the contract was \$55 and \$80, respectively.

***2017 Know-How License Agreement***

On March 15, 2017, the Company entered into a know-how license agreement with Mayo Foundation for Medical Education and Research whereby the Company was granted an exclusive license, with the right to sublicense, certain know how and patent applications in the field of signal processing, physiologic recording, electrophysiology recording, electrophysiology software and autonomics to develop, make and offer for sale. The agreement expires in ten years from the effective date.

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The Company is obligated to pay to Mayo Foundation a 1% or 2% royalty payment on net sales of licensed products, as defined. At March 31, 2023 and December 31, 2022, accounts payable due under the contract was \$4.

*Patent and Know-How License Agreement – EP Software Agreement*

On November 20, 2019, the Company entered into a patent and know-how license agreement (the “EP Software Agreement”) with Mayo Foundation for Medical Education and Research (“Mayo”). The EP Software Agreement grants to the Company an exclusive worldwide license, with the right to sublicense, within the field of electrophysiology software and under certain patent rights as described in the EP Software Agreement (the “Patent Rights”), to make, have made, use, offer for sale, sell and import licensed products and a non-exclusive license to the Company to use the research and development information, materials, technical data, unpatented inventions, trade secrets, know-how and supportive information of Mayo to develop, make, have made, use, offer for sale, sell, and import licensed products. The EP Software Agreement will expire upon the later of either (a) the expiration of the Patent Rights or (b) the 10th anniversary of the date of the first commercial sale of a licensed product, unless earlier terminated by Mayo for the Company’s failure to cure a material breach of the EP Software Agreement, the Company’s or a sublicensee’s commencement of any action or proceedings against Mayo or its affiliates other than for an uncured material breach of the EP Software Agreement by Mayo, or insolvency of the Company.

In connection with the EP Software Agreement, the Company agreed to make earned royalty payments to Mayo in connection with the Company’s sales of the licensed products to third parties and sublicense income received by the Company and to make milestone payments of up to \$625,000 in aggregate. At March 31, 2023 and December 31, 2022, accounts payable due under the contract was \$0.

*Amended and Restated Patent and Know-How License Agreement – Tools Agreement*

On November 20, 2019, the Company entered into an amended and restated patent and know-how license agreement (the “Tools Agreement”) with Mayo. The Tools Agreement contains terms of license grant substantially identical to the EP Software Agreement, although it is for different patent rights and covers the field of electrophysiology systems. In June 2021, patent rights were issued (“Valid Claim”) as defined whereby the Company paid milestone one of \$75,000 during the 2021 year.

In connection with the Tools Agreement, the Company agreed to pay Mayo an upfront consideration of \$100,000. The Company also agreed to make earned royalty payments to Mayo in connection with the Company’s sales of the licensed products to third parties and sublicense income received by the Company and to make milestone payments of up to \$550,000 in aggregate. At March 31, 2023 and December 31, 2022, accounts payable due under the contract was \$0.

*ViralClear Patent and Know-How License Agreement*

On November 20, 2019, the Company’s majority-owned subsidiary, ViralClear, entered into a patent and know-how license agreement (the “ViralClear Agreement”) with Mayo. The ViralClear Agreement contains terms of license grant substantially identical to the EP Software Agreement and the Tools Agreement, although it is for different patent rights and covers the field of stimulation and electroporation for hypotension/syncope management, renal and non-renal denervation for hypertension treatment, and for use in treatment of arrhythmias in the autonomic nervous system.

In connection with the ViralClear Agreement, ViralClear agreed to make earned royalty payments to Mayo in connection with ViralClear’s sales of the licensed products to third parties and sublicense income received by the Company and to make milestone payments of up to \$700,000 in aggregate. In June 2021, patent rights were issued (“Valid Claim”) as defined whereby the Company paid milestone one of \$75,000 during the 2021 year. At March 31, 2023 and December 31, 2022, accounts payable due under the contract was \$0.

*Trek Therapeutics, PBC*

In the event of sublicensing, sale, transfer, assignment or similar transaction, ViralClear agreed to pay Trek 10% of the consideration received.



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As part of the acquired assets, ViralClear received an assignment and licensing rights agreement from Trek with a third-party vendor regarding certain formulas and compounds usage. The agreement calls for milestone payments upon marketing authorization (as amended and defined with respect of product in a particular jurisdiction in the territory, the receipt of all approvals from the relevant regulatory authority necessary to market and sell such product in any such jurisdiction, excluding any pricing approval or reimbursement authorization) in any first and second country of \$10 million and \$5 million, respectively, in addition to 6% royalty payments. At March 31, 2023 and December 31, 2022, accounts payable due under the contract was \$0.

***Defined Contribution Plan***

Effective January 1, 2019, the Company established a qualified defined contribution plan (the “401(k) Plan”) pursuant to Section 401(k) of the Code, whereby all eligible employees may participate. Participants may elect to defer a percentage of their annual pretax compensation to the 401(k) plan, subject to defined limitations. The Company is required to make contributions to the 401(k) Plan equal to 3 percent of each participant’s eligible compensation, subject to limitations under the Code. For the three months ended March 31, 2023 and 2022, the Company charged operations \$65,919 and \$67,640, respectively, for contributions under the 401(k) Plan.

***Purchase commitments***

As of March 31, 2023, the Company had aggregate purchase commitments of approximately \$2,546,694 for future services or products, some of which are subject to modification or cancellations.

***Litigation***

The Company is subject at times to other legal proceedings and claims, which arise in the ordinary course of its business. Although occasional adverse decisions or settlements may occur, the Company believes that the final disposition of such matters should not have a material adverse effect on its financial position, results of operations or liquidity.

**NOTE 12 – SEGMENT REPORTING**

In accordance with ASC 280-10, the Company reports segment information based on the “management” approach. The management approach designates the internal reporting used by management for making decisions and assessing performance as the source of the Company’s reportable segments. The Company has three reportable segments: BioSig Technologies, Inc. (parent), NeuroClear Technologies, Inc. and ViralClear Pharmaceuticals, Inc.

Information concerning the operations of the Company’s reportable segments is as follows:

	<b>Three Months Ended March 31, 2023 (000's)</b>	<b>Three Months Ended March 31, 2022 (000's)</b>
Revenues (from external customers)		
BioSig	\$ 5	\$ 8
ViralClear	-	-
NeuroClear	-	-
	<u>\$ 5</u>	<u>\$ 8</u>
	<b>Three Months Ended March 31, 2023 (000's)</b>	<b>Three Months Ended March 31, 2022 (000's)</b>
Operating Expenses:		
BioSig	\$ 7,230	\$ 7,749
ViralClear	161	322
NeuroClear	-	2
	<u>\$ 7,391</u>	<u>\$ 8,073</u>

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	<b>Three Months Ended March 31, 2023 (000's)</b>	<b>Three Months Ended March 31, 2022 (000's)</b>
Loss from Operations		
BioSig	\$ (7,225)	\$ (7,741)
ViralClear	(161)	(322)
NeuroClear	-	(2)
	<u>\$ (7,386)</u>	<u>\$ (8,065)</u>
	<b>March 31, 2023 (000's)</b>	<b>December 31, 2022 (000's)</b>
Total Assets		
BioSig	\$ 5,162	\$ 4,051
ViralClear	25	49
NeuroClear	10	10
	<u>\$ 5,197</u>	<u>\$ 4,110</u>

**NOTE 13 – RELATED PARTY TRANSACTIONS**

Accounts payable and accrued expenses include due to related parties comprised primarily director fees and travel reimbursements. Due to related parties as of March 31, 2023 and December 31, 2022 was \$0 and \$120,000, respectively.

During the three months ended March 31, 2023, the Company's Chief Financial Officer participated in the Company's 2023 PIPES, acquiring 232,882 shares of the Company's common stock and 116,441 warrants to acquire the Company's common stock at an exercise price of \$0.7963, expiring August 8, 2028 for an investment of \$200,000.

During the three months ended March 31, 2023 and 2022, the Company's former Chief Financial Officer guaranteed issued corporate credit cards for no consideration.

**NOTE 14 – SUBSEQUENT EVENTS**

*Equity Transactions*

In April and May 2023, the Company issued 10,835 shares of its common stock for vesting restricted stock units and 2,824,346 shares for its common stock for services rendered, valued at \$3,542,453, of which \$495,550 was recorded as stock-based compensation at March 31, 2023.

On May 5, 2023, the Company granted an aggregate of 30,000 options to purchase shares of its common stock to two employees. The options are exercisable at \$1.35 per share for ten years with one-third vesting on the one-year anniversary and two-thirds vesting quarterly thereafter beginning May 5, 2024 for two years.

*Equity sales:*

On April 18, 2023, The Company entered into a Securities Purchase Agreement with certain accredited and institutional investors, pursuant to which the Company sold to the Investors an aggregate of 792,454 shares of the Company's common stock at a purchase price of \$1.1925 per share, and warrants to purchase up to 396,227 shares of common stock, at an exercise price of \$1.13 per share, that will become exercisable six months after the date of issuance and will expire five and one-half years following the date of issuance, in exchange for aggregate consideration of \$945,001.

Pursuant to certain tail provisions in an engagement agreement, dated October 11, 2022, the Company had entered into with Laidlaw, the Company issued to Laidlaw in connection with the common stock sale, a warrant to purchase 7,862 shares of Common Stock at an exercise price of \$1.13 per share (the "Laidlaw Warrant"). The Laidlaw Warrant will become exercisable six months after the date of issuance and will expire five and one-half years following the date of issuance.

## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

*This Management's Discussion and Analysis of Financial Condition and Results of Operations includes a number of forward-looking statements that reflect Management's current views with respect to future events and financial performance. You can identify these statements by forward-looking words such as "may," "will," "expect," "anticipate," "believe," "estimate" and "continue," or similar words. Those statements include statements regarding the intent, belief or current expectations of us and members of our management team as well as the assumptions on which such statements are based. Prospective investors are cautioned that any such forward-looking statements are not guarantees of future performance and involve risk and uncertainties, and that actual results may differ materially from those contemplated by such forward-looking statements.*

*Readers are urged to carefully review and consider the various disclosures made by us in this report and in our other reports filed with the Securities and Exchange Commission. Important factors currently known to Management could cause actual results to differ materially from those in forward-looking statements. We undertake no obligation to update or revise forward-looking statements to reflect changed assumptions, the occurrence of unanticipated events or changes in the future operating results over time. We believe that our assumptions are based upon reasonable data derived from and known about our business and operations. No assurances are made that actual results of operations or the results of our future activities will not differ materially from our assumptions. Factors that could cause differences include, but are not limited to, expected market demand for our products, fluctuations in pricing for materials, and competition.*

### Business Overview

#### **BioSig Technologies, Inc.**

BioSig Technologies is a medical device company commercializing an advanced digital signal processing technology platform to deliver insights to the treatment of cardiovascular arrhythmias. Through collaboration with physicians, experts, and healthcare leaders across the field of electrophysiology (EP), we are committed to addressing healthcare's biggest priorities — saving time, saving costs, and saving lives.

Our first product, the PURE EP™ System, is an FDA 510(k) cleared non-invasive class II device consisting of a unique combination of hardware and software designed to provide unprecedented signal clarity and precision for real-time visualization of intracardiac signals paving the way for personalized patient care. Integrating with existing systems in the EP lab, PURE EP™ is designed to accurately pinpoint even the most complex signals to maximize procedural success and efficiency.

PURE EP™ Software Version 6 with ACCUVIZ™ Module released late 2022, is the first to be designed and launched by the Company's new commercial and operations team and represents the most advanced iteration of the Company's digital signal processing technology. Software Version 6 delivers a new level of efficiency enabling unlimited, real-time analysis of intracardiac signals. In addition, the new ACCUVIZ™ Module introduces advanced signal processing automation, elevated visualization of clear cardiac signal information, and even smarter workflows.

Other unique software functionalities—including Automatic Tachycardia Characterization (ATC) and TRUSOURCE™ Analysis & Report—aim to improve clinical workflow and deliver clear, actionable insights to today's electrophysiologist during cardiac catheter procedures.

By capturing critical cardiac signals—even the most complex, the PURE EP™ System is designed to enhance clinical decision-making and improve clinical workflow for all types of arrhythmias - even the most challenging procedures for cardiac arrhythmias, like ventricular tachycardia (VT) and atrial fibrillation (AF).

The PURE EP System is currently in a national commercial launch and in regular use at healthcare systems, such as Mayo Clinic, Texas Cardiac Arrhythmia Institute, Cleveland Clinic, and Kansas City Heart Rhythm Institute. In a blinded clinical study published in the Journal of Cardiovascular Electrophysiology, electrophysiologists rated PURE EP™ as equivalent or superior to conventional systems for 93.6% of signal samples, with 75.2% earning a superior rating.

On January 10, 2023, we announced that Bellin Health entered into an agreement for an option to acquire a PURE EP™ System. Through a formal evaluation, Bellin reported that clear cardiac signals positively impacted procedural efficiency resulting in cost savings per procedure.

In addition to clinical evaluation, we have conducted pre-clinical evaluation with the PURE EP™ System under several protocols at Mayo Clinic in Rochester, Minnesota (including novel research programs such as Artificial Intelligence, or AI, and repolarization), we also conducted studies at Mount Sinai Hospital in New York, New York, the University of Pennsylvania, and Cleveland Clinic. We intend to continue additional research and development studies with our technology at institutions including Mayo Clinic and Cleveland Clinic – a Research Agreement was signed with the Cleveland Clinic to explore expanded applications for our digital signal processing technology.

Over 3,000 procedures have been performed using the PURE EP™ System with more than 80 physicians at 21 hospitals across the United States.

Our patent portfolio now includes 25 (issued/allowed) issued utility patents (18 utility patents where BioSig is at least one of the applicants). Thirty four additional U.S. and foreign utility patent applications are pending covering various aspects of our PURE EP System for recording, measuring, calculating and displaying of electrocardiograms during cardiac ablation procedures (thirty four U.S. and foreign utility patent applications where either BioSig, Mayo, or both is at least one of the applicants). Two of these pending U.S. patent applications are directed to artificial intelligence (AI). We also have 30 issued worldwide design patents, which cover various features of our display screens and graphical user interface for enhanced visualization of biomedical signals (30 design patents where BioSig is at least one of the applicants). Finally, of the 34 patent applications mentioned above, we have licenses to 7 patents and 13 additional worldwide utility patent applications from Mayo Foundation for Medical Education and Research that are pending (7 patents and 13 applications where only Mayo is the applicant). These patents and applications are generally directed to electroporation and stimulation.

#### ***ViralClear Pharmaceuticals, Inc.***

ViralClear Pharmaceuticals, Inc. (“ViralClear”) is a majority-owned subsidiary of the Company originally known as NeuroClear Technologies, Inc. The subsidiary was established November 2018 to pursue additional applications of the PURE EP™ signal processing technology outside of EP. In March 2020, it was renamed ViralClear in connection with its prior objective to develop merimepodib, a broad-spectrum anti-viral agent that showed potential to treat COVID-19. We currently do not intend to further develop merimepodib and have discontinued our pharmaceutical operations. Since late 2020, ViralClear has been realigned with its original objective of pursuing additional applications of the PURE EP™ signal processing technology outside of cardiac electrophysiology with an initial emphasis on developing a novel nerve recording system. As of May 15, 2023, the Company retains 69.08% ownership of ViralClear.

Currently, ViralClear is an early stage medical device company that is developing N-SENSE™, a novel sensing technology platform for high-speed electroneurogram (ENG) recordings. The specifications for this new product were based on the core competencies of the PURE EP™ signal processing technology, such as broad dynamic range of recorded signals and low signal-to-noise ratio and adapted to address disorders of the autonomic nervous systems through recordings and analysis of action potentials, the impulses along the membrane of a muscle cell or a nerve cell. These impulses are considered to carry valuable clinical information but may be difficult to detect through conventional recording platforms.

ViralClear aims to address what we believe to be the two main challenges of bioelectronic medicine devices: achieving accurate and targeted stimulation of specific nerves in a nerve bundle and implementing an effective feedback loop that can self-adjust for the optimal amount and timing of stimulation. We believe that advancements in overcoming these challenges will improve the safety and efficacy of current treatments and contribute to the developments of new therapy lines.

ViralClear will continue to have cash and a shareholder base. Given its corporate history and almost four years of segregated operations, we believe that this entity can be of great value to the shareholders as we evaluate emerging growth businesses across various industry segments that aim for a Nasdaq listing.

#### ***NeuroClear Technologies, Inc.***

On July 2, 2020, the Company formed an additional subsidiary, NeuroClear Technologies, Inc. (“NeuroClear”), a Delaware corporation, to pursue additional applications of the PURE EP™ signal processing technology outside of cardiac electrophysiology. We own 100% of the outstanding shares of common stock as of March 30, 2022 and the subsidiary is currently dormant.

Our intention is to move the neurotech assets from ViralClear into NeuroClear where the current and future neurotech assets would be housed. We intend to further develop our nerve recording system and ultimately bring the technology to market under NeuroClear Technologies, Inc.

## **Recent Developments**

### *Appointment of Chief Financial Officer*

On February 2, 2023, we appointed Mr. Steve Buhaly as our Chief Financial Officer of the Company, whose employment commenced on February 6, 2023. Mr. Buhaly brings to the Company over thirty years of experience in finance, accounting, general management, product development and manufacturing. In connection with his appointment, Mr. Buhaly's annual base salary will be \$100,000, less applicable payroll deductions and tax withholdings.

### *Private Placements*

During the period from January 2023 through April 2023, we completed eight private placement transactions where we sold shares and warrants to certain institutional and accredited investors, consisting of (i) an aggregate of 9,292,754 shares of our common stock, at purchase prices ranging from \$0.5761 to \$1.1925 per share, and (ii) warrants to purchase up to an aggregate of 4,646,377 shares of our common stock at exercise prices ranging from \$0.5136 to \$1.13 with a weighted average exercise price of \$0.8279 per share, for aggregate consideration of approximately \$7.67 million.

In addition, pursuant to certain tail provisions in an engagement agreement, dated October 11, 2022, we had entered into with Laidlaw, we issued to Laidlaw warrants to purchase an aggregate of 291,311 shares of common stock in connection with the transactions noted above.

In addition, pursuant to certain compensation provisions in an engagement agreement, dated February 24, 2023, we had entered into with Laidlaw, we issued to Laidlaw warrants to purchase an aggregate of 117,076 shares of common stock in connection with the transactions noted above.

## **Results of Operations (000's)**

We anticipate that our results of operations will fluctuate for the foreseeable future due to several factors, such as the progress of our research and development and commercialization efforts, the timing and outcome of future regulatory submissions and uncertainty around the current pandemic. Due to these uncertainties, accurate predictions of future operations are difficult or impossible to make.

### ***Three Months Ended March 31, 2023 Compared to Three Months Ended March 31, 2022 (000's)***

*Revenues and Cost of Goods Sold.* Revenue for the three months ended March 31, 2023 totaled \$5 comprised of service revenue as compared to \$8 for the three months ended March 31, 2022 both comprised of service revenue.

We derive our revenue primarily from the sale of our medical device, PURE EP system, as well as related support and maintenance services and software upgrades in connection with the system.

We recognize revenue in accordance with Accounting Standards Codification (ASC) 606, *Revenue from Contracts with Customers* ("ASC 606"). The core principle of ASC 606 is that an entity recognizes revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services.

Cost of sales for the three months ended March 31, 2023 and 2022 was nil.

Gross profit from the three months ended March 31, 2023 and 2022 was \$5 and \$8 or 100.0%.

*Research and Development Expenses.* Research and development expenses for the three months ended March 31, 2023 were \$1,062, a decrease of \$555, or 34.3%, from \$1,617 for the three months ended March 31, 2022. The decrease is primarily due to reduced salaries and consulting to \$805 for the three months ended March 31, 2023 as compared to \$1,182 for the three months ended March 31, 2022 in the BioSig segment, a decrease of \$377 or 31.9%. In addition, we incurred a reduction in travel and supplies from \$253 for the three months ended March 31, 2022 to \$49 for the current period; a decrease of \$204 or 80.6%. Research and development expenses were comprised of the following:

Three months ended:

	March 31, 2023	March 31, 2022
Salaries and equity compensation	\$ 798	\$ 1,051
Consulting expenses	7	131
Research and clinical studies and design work	159	112
Data/AI development	37	50
Regulatory	12	20
Travel, supplies, other	49	253
Total	<u>\$ 1,062</u>	<u>\$ 1,617</u>

Stock based compensation for research and development personnel was \$90 and \$373 for the three months ended March 31, 2023 and 2022, respectively.

*General and Administrative Expenses.* General and administrative expenses for the three months ended March 31, 2023 were \$6,245, a decrease of \$156, or 2.4%, from \$6,401 incurred in the three months ended March 31, 2022. This decrease is primarily due to reduction in the activities of our ViralClear segment, net with an increase in employee performance pay and staff in the current period as compared to the same period in the prior year and additional service provider fees paid.

Payroll related expenses decreased to \$2,086 in the current period from \$2,532 for the three months ended March 31, 2022, a decrease of \$446, or 17.6%. The decrease was primarily due to reduced staff in commercialization, sales and general and administration in the BioSig segment. We incurred \$2,044 in stock-based compensation in connection with the vesting of stock and stock options issued to board members, officers, employees and consultants for the three months ended March 31, 2023 as compared to \$1,643 in stock-based compensation for the same period in 2022.

Professional services for the three months ended March 31, 2023 totaled \$422, an increase of \$82, or 24.1%, over the \$340 recognized for the three months ended March 31, 2022. Of professional services, legal fees totaled \$267 for the three months ended March 31, 2023; an increase of \$34, or 14.6%, from \$233 incurred for the three months ended March 31, 2022. The increase is primarily due to costs incurred in 2023 for financing, contract work and patent filings for the BioSig segment not incurred in the prior period. Accounting fees incurred in the three months ended March 31, 2023 amounted to \$76, a decrease of \$31, or 29.0%, from \$107 incurred in same period last year. In 2022, we incurred added audit costs for the ViralClear segment.

Consulting, public and investor relations fees for the three months ended March 31, 2023 were \$945 as compared to \$896 incurred for the three months ended March 31, 2022, an increase of \$49, or 5.5%. The increase in consulting, marketing and investor relations fees during the three months ended March 31, 2023 related to our efforts to develop our recognition throughout the medical industry.

Travel, meals and entertainment costs for the three months ended March 31, 2023 were \$199, a decrease of \$100, or 33.4%, from \$299 incurred in the three months ended March 31, 2022. Travel, meals and entertainment costs include travel related to business development and financing. The decrease in 2023 was due to better efficiency with our commercialization effort in 2023 as compared to 2022.

Rent for the three months ended March 31, 2023 totaled \$92, a decrease of \$14, or 13.2%, from \$106 incurred in three months ended March 31, 2022. The decrease in rent for 2023 as compared to 2022 is due primarily to a lower negotiated rent for our Los Angeles offices and reduction in our short-term storage leases in 2023.

*Depreciation and Amortization Expense.* Depreciation and amortization expense for the three months ended March 31, 2023 totaled \$84, an increase of \$29, or 52.7%, over the expense of \$55 incurred in the three months ended March 31, 2022, as a result of the adding additional manufacturing, office computers and other equipment.

*Preferred Stock Dividend.* Preferred stock dividend for the three months ended March 31, 2023 and 2022 totaled \$2. Preferred stock dividends are related to the dividends accrued on our Series C Preferred Stock issued during the period from 2013 through 2015.

*Net Loss Attributable to BioSig Technologies, Inc. Common Shareholders.* As a result of the foregoing, net loss attributable to common shareholders for the three months ended March 31, 2023 was \$7,334 compared to a net loss of \$7,965 for the three months ended March 31, 2022.

**Segment Results**

The Company reports segment information based on the “management” approach. The management approach designates the internal reporting used by management for making decisions and assessing performance as the source of the Company’s reportable segments.

Summary Statement of Operations for the three months ended March 31, 2023 as compared to the three months ended March 31, 2022 are detailed in Note 12 of the accompanying unaudited condensed consolidated financial statements.

**COVID-19**

The World Health Organization recently determined that COVID-19 no longer fit the definition of a public health emergency and the U.S. government has announced its plan to let the declaration of a public health emergency associated with COVID-19 expire on May 11, 2023. COVID-19 is expected to remain a serious endemic threat for an indefinite future period and may continue to adversely affect the global economy, resulting in delaying to our commercialization objectives of the PURE EP Systems during 2023.

**Liquidity and Capital Resources and Going Concern (\$000’s)**

As of March 31, 2023, we had a working capital deficit of \$664, comprised of cash of \$1,412, accounts receivable of \$17, current portion of inventory of \$345, current portion of net investments in leases of \$101 and prepaid expenses and vendor deposits of \$275, which was offset by \$2,392 of accounts payable and accrued expenses, accrued dividends on preferred stock issuances of \$93, customer deposits of \$8 and of lease liability of \$321. For the three months ended March 31, 2023, we used \$5,649 of cash in operating activities and \$45 of cash in investing activities.

**Three Months Ended March 31, 2023 Compared to Three Months Ended March 31, 2022 (000’s)**

Cash provided by financing activities totaled \$6,748, comprised of proceeds from the sale of our common stock and warrants, net of expenses, of \$482.

In the comparable period in 2022, our aggregate cash provided by financing activities totaled \$3,002 comprised of proceeds from the sale of our common stock. At March 31, 2023, we had cash of \$1,412 compared to \$8,665 at March 31, 2022. Our cash is held in bank deposit accounts. At March 31, 2023 and March 31, 2022, we had no convertible debentures outstanding.

Cash used in operations for the three months ended March 31, 2023 and 2022 was \$5,648 and \$5,941, respectively, which represent cash outlays for research and development and general and administrative expenses in such periods. The decreases in cash outlays principally resulted reduced operating costs, general and administrative expenses in 2023 and with increases in our operating assets of \$143 and a net decrease in our operating liabilities of \$428.

We used \$45 cash for investing activities for the three months ended March 31, 2023, compared to \$55 for the three months ended March 31, 2022. For the current period and comparable period, we purchased computer and other equipment.

We had an accumulated deficit as of March 31, 2023 of \$223.3 million, as well as a net loss attributable to BioSig Technologies, Inc. of \$7.3 million and negative operating cash flows. We expect to continue incurring losses and negative cash flows from operations until our products (primarily PURE EP System) reach full commercial profitability.

These conditions raise substantial doubt about our ability to continue as a going concern. Our ability to continue as a going concern is an issue raised due to our net losses and negative cash flows from operations since inception and our expectation is that these conditions will continue for the foreseeable future. We will require additional financing to fund future operations. Although we have commercial products available for sale, we have not generated significant revenues to date, and there is no assurance that we will be able to generate cash flow to fund operations. In addition, there can be no assurance that our research and development will be successfully completed or that any additional products will be approved or commercially viable. Our ability to continue as a going concern is subject to our ability to obtain necessary funding from outside sources, including obtaining additional funding from the sale of our securities, obtaining loans from various financial institutions or being awarded grants from government agencies, where possible. Our continued net operating losses increase the difficulty in meeting such goals and there can be no assurances that such methods will prove successful.

Our plans include the continued commercialization of the PURE EP System and other applications of our core technology and raising capital through the sale of additional equity securities, debt or capital inflows from strategic partnerships. Our shift from a focus on technology development to commercialization has allowed us to reduce our annual expenses in a meaningful way. As a result of this transition, we have been able to achieve savings through reductions in executive and management compensation and a reduction of our utilization of external consultants and professional service providers. We believe these cost-saving measures combined with our expectations of positive trends in commercial activity create the potential for us to achieve a lower cash flow breakeven rate. There are no assurances, however, that we will be successful in obtaining the level of financing needed for our operations. The COVID-19 pandemic has resulted in significant financial market volatility and uncertainty in recent months, and COVID-19 may continue to adversely affect the global economy. In addition, U.S. and global markets are experiencing volatility and disruption following the escalation of geopolitical tensions and the start of the military conflict between Russia and Ukraine.

A continuation or worsening of the levels of market disruption and volatility seen in the recent past could have an adverse effect on our ability to access capital and on the market price of our common stock, and we may not be able to successfully raise capital through the sale of our securities.

Our Series C Preferred Stock contains triggering events which would, among other things, require redemption (i) in cash, at the greater of (a) 120% of the stated value of \$1 or (b) the product of (I) the variable weighted average price of our common stock on the trading day immediately preceding the date of the triggering event and (II) the stated value divided by the then conversion price or (ii) in shares of our common stock, equal to a number of shares equal to the amount set forth in (i) above divided by 75%. As of March 31, 2023, the aggregate stated value of our Series C Preferred Stock was \$105. The triggering events include our being subject to a judgment of greater than \$100 or our initiation of bankruptcy proceedings. If any of the triggering events contained in our Series C Preferred Stock occur, the holders of our Series C Preferred Stock may demand redemption, an obligation we may not have the ability to meet at the time of such demand. We will be required to pay interest on any amounts remaining unpaid after the required redemption of our Series C Preferred Stock, at a rate equal to the lesser of 18% per annum or the maximum rate permitted by applicable law.

We expect to incur losses from operations for the near future. We expect to incur increasing marketing and commercialization expenses related to our PURE EP system in addition to additional research and development costs relating to the PURE EP and other product candidates, including expenses related to clinical trials. We expect that our general and administrative expenses will increase in the future as we expand our business development, add infrastructure and incur additional costs related to being a public company, including incremental audit fees, investor relations programs and increased professional services.

Our future capital requirements will depend on a number of factors, including the progress of our research and development of product candidates, the timing and outcome of regulatory approvals, the costs involved in preparing, filing, prosecuting, maintaining, defending and enforcing patent claims and other intellectual property rights, the status of competitive products, the availability of financing and our success in developing markets for our product candidates.

Future financing may include the issuance of equity or debt securities, obtaining credit facilities, or other financing mechanisms. Even if we are able to raise the funds required, it is possible that we could incur unexpected costs and expenses or experience unexpected cash requirements that would force us to seek alternative financing. Furthermore, if we issue additional equity or debt securities, existing holders of our securities may experience additional dilution or the new equity securities may have rights, preferences or privileges senior to those of existing holders of our securities.

If additional financing is not available or is not available on acceptable terms, we may be required to delay, reduce the scope of or eliminate our research and development programs, reduce our commercialization efforts or obtain funds through arrangements with collaborative partners or others that may require us to relinquish rights to certain product candidates that we might otherwise seek to develop or commercialize independently.



## Off-Balance Sheet Arrangements

We do not have any off-balance sheet arrangements.

## Critical Accounting Policies and Estimates

Our discussion and analysis of our financial condition and results of operations are based on our financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States of America. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities and expenses. We evaluate our estimates and judgments on an ongoing basis. We base our estimates on historical experience and on assumptions that we believe to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates.

We believe the following critical accounting policies affect our more significant judgments and estimates used in the preparation of our financial statements.

### Revenue Recognition

We derive our revenue primarily from the sale of our medical device, the PURE EP™ System, as well as related support and maintenance services and software upgrades in connection with the system.

We recognize revenue in accordance with Accounting Standards Codification (ASC) 842, *Leases* (“ASC 842”) for lease components and ASC 606, *Revenue from Contracts with Customers* (“ASC 606”) for non-lease components. For medical device sales, the Company recognize revenue under ASC 606.

The core principle of ASC 606 is that an entity recognizes revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services.

Under ASC 606, we determine revenue recognition through the following five steps:

- Identify the contract with the customer;
- Identify the performance obligations in the contract;
- Determine the transaction price;
- Allocate the transaction price to the performance obligation in the contract; and
- Recognize revenue when, or as, the performance obligations are satisfied.

Performance obligations are the units of accounting for revenue recognition and generally represent the distinct goods or services that are promised to the customer. If we determine that it has not satisfied a performance obligation, we will defer recognition of the revenue until the performance obligation is deemed to be satisfied. Once the PURE EP system is delivered, installed, and accepted by the customer, our performance obligation is recognized. Support, maintenance, and software upgrades are performance obligations over a defined period and are recognized ratably over the contractual service period. Customers typically purchase these services with the initial sale of the PURE EP System and do not have the right to terminate their contracts unless we fail to perform material obligations.

We may execute more than one contract with a single customer. If so, it is evaluated whether the agreements were negotiated as a package with a single objective, whether the amount of consideration to be paid in one agreement depends on the price and/or performance of another agreement, or whether the goods or services promised in the agreements represent a single performance obligation. The conclusions reached can impact the allocation of the transaction price to each performance obligation and the timing of revenue recognition related to those arrangements.

We record accounts receivable for amounts invoiced to customers for which we have an unconditional right to consideration as provided under the contractual arrangement. Unbilled receivables, if any, include amounts related to our contractual right to consideration for completed performance obligations not yet invoiced. Deferred revenue includes payments received in advance of performance under the contract. Our unbilled receivables and deferred revenue are reported on an individual contract basis at the end of each reporting period. Unbilled receivables are classified as current or noncurrent based on the timing of when we expect to bill the customer. Deferred revenue is classified as current or noncurrent based on the timing of when we expect to recognize revenue.

Our unconditional right to consideration for goods and services transferred to the customer is included in accounts receivable, net (if any) in the Company's consolidated balance sheet.

#### ***Research and Development***

We account for research and development costs in accordance with the Accounting Standards Codification subtopic 730-10, Research and Development ("ASC 730-10"). Under ASC 730-10, all research and development costs must be charged to expense as incurred. Accordingly, internal research and development costs are expensed as incurred. Third-party research and development costs are expensed when the contracted work has been performed or as milestone results have been achieved. Company-sponsored research and development costs related to both present and future products are expensed in the period incurred.

#### ***Stock Based Compensation***

All stock-based payments to employees and to nonemployee directors for their services as directors consisted of grants of restricted stock and stock options, which are measured at fair value on the grant date and recognized in the statements of operations as compensation expense over the relevant vesting period. Restricted stock payments and stock-based payments to nonemployees are recognized as an expense over the period of performance.

Such payments are measured at fair value at the earlier of the date a performance commitment is reached, or the date performance is completed. In addition, for awards that vest immediately and are non-forfeitable, the measurement date is the date the award is issued.

### **ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

Not required under Regulation S-K for "smaller reporting companies."

### **ITEM 4. CONTROLS AND PROCEDURES**

#### **Evaluation of Disclosure Controls and Procedures**

As required under Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), we carried out an evaluation, with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of our disclosure controls and procedures (as defined under Rule 13a-15(e) under the Exchange Act) as of the end of the period covered by this report. Based upon that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were not designed at a reasonable assurance level and were not effective to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act, is recorded, processed, summarized and reported, within the time periods specified in the Securities and Exchange Commission's rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure.

## Changes in Internal Controls over Financial Reporting

Management, including our Chief Executive Officer and Chief Financial Officer, conducted an evaluation of the effectiveness of our internal control over financial reporting as of December 31, 2022, based on the criteria in a framework developed by the Company's management pursuant to and in compliance with the criteria established in Internal Control – Integrated Framework (2013) issued by the Committee of Sponsoring Organizations ("COSO") of the Treadway Commission. This evaluation included review of the documentation of controls, evaluation of the design effectiveness of controls, walkthroughs of the operating effectiveness of controls and a conclusion on this evaluation. Based on this evaluation, management has concluded that our internal control over financial reporting was not effective as of December 31, 2022, because management identified that inadequate identification, recording and reporting of stock based compensation due under consulting or other third-party contracts entered into by the Company, but not yet ratified by the Company's Board of Directors which resulted in deficiencies, which, in aggregate, amounted to a material weakness in the Company's internal control over financial reporting. The material weaknesses did not result in any identified misstatements to the consolidated financial statements and there were no changes to previously released financial results.

### *Management's Remediation Plan*

During the three months ended March 31, 2023, we have added additional measures including multiple reviews of contract language with all future contracts to ensure that any stock-based compensation is subject to the Company's Board of Directors approval. We believe the added contract revision reviews will remediate the underlying deficiencies as identified by us. The remediation efforts will include an ongoing review of the implementation of additional controls to ensure all risks have been addressed. We believe the added contract revision reviews as well as implementation of additional levels of reviews of stock-based compensation will remediate the underlying deficiencies as identified by us.

As a result of the material weaknesses discussed above or of others, we may experience negative impacts on our ability to accurately report our results of operation and financial condition in a timely manner. If we do identify a material weakness in our internal control over financial reporting and are unsuccessful in implementing or following a remediation plan, or fail to update our internal control over financial reporting as our business evolves or to integrate acquired businesses into our controls system, if additional material weaknesses are found in our internal controls in the future, or if our external auditors cannot attest to the effectiveness of our internal control over financial review, if applicable, we may not be able to timely or accurately report our financial condition, results of operations or cash flows or to maintain effective disclosure controls and procedures. If we are unable to report financial information in a timely and accurate manner or to maintain effective disclosure controls and procedures, we could be subject to, among other things, regulatory or enforcement actions by the SEC, an inability for us to be accepted for listing on any national securities exchange in the near future, securities litigation and a general loss of investor confidence, any one of which could adversely affect our business prospects and the market value of our common stock. Further, there are inherent limitations to the effectiveness of any system of controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. We could face additional litigation exposure and a greater likelihood of an SEC enforcement or other regulatory action if further restatements were to occur or other accounting-related problems emerge.

The weaknesses will not be considered remediated until the applicable controls operate for a sufficient period of time and management has concluded, through testing, that these controls are operating effectively.

### *Appointment of Chief Financial Officer*

On February 2, 2023, we appointed Mr. Steve Buhaly as our Chief Financial Officer of the Company, whose employment commenced on February 6, 2023.

There have been no other changes in our internal controls over financial reporting (as defined in Rule 13a-15(f) and 15d-(f) of the Exchange Act) that occurred during the last fiscal quarter to which this report relates that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

## **PART II. OTHER INFORMATION**

### **ITEM 1. LEGAL PROCEEDINGS**

From time to time, we may become involved in various lawsuits and legal proceedings which arise in the ordinary course of business. However, litigation is subject to inherent uncertainties, and an adverse result in such matters may arise from time to time that may harm our business. We are currently not aware of any such legal proceedings or claims that we believe will have, individually or in the aggregate, a material adverse effect on our business, financial condition or operating results.

There are no material proceedings in which any of our directors, officers or affiliates or any registered or beneficial shareholder of more than 5% of our common stock is an adverse party or has a material interest adverse to our interest.

### **ITEM 1A. RISK FACTORS**

The following description of risk factors includes any material changes to risk factors associated with our business, financial condition and results of operations previously disclosed in Item 1A. “Risk Factors” of our annual report on Form 10-K for the fiscal year ended December 31, 2022, as filed with the SEC on March 31, 2023. Our business, financial condition and operating results can be affected by a number of factors, whether currently known or unknown, including but not limited to those described below, any one or more of which could, directly or indirectly, cause our actual financial condition and operating results to vary materially from past, or from anticipated future, financial condition and operating results. Any of these factors, in whole or in part, could materially and adversely affect our business, financial condition, operating results, and stock price.

The following discussion of risk factors contains forward-looking statements. These risk factors may be important to understanding other statements in this Form 10-Q. The following information should be read in conjunction with the condensed consolidated financial statements and related notes in Part I, Item 1, “Financial Statements” and Part I, Item 2, “Management’s Discussion and Analysis of Financial Condition and Results of Operations” of this Form 10-Q.

***The COVID-19 pandemic and related U.S. supply chain issues, including shipping and raw material disruptions, could have a continuing material impact on the global supply chain, which could adversely impact our business results and financial condition.***

We rely on a limited number of suppliers and manufacturers, particularly in the production and service of our PURE EP™ System. In the event of interruption within our supply chain due to global shortages of key supplies, materials or products, we may not be able to increase capacity from other sources or develop alternative or secondary sources without incurring substantial additional costs and/or delays.

Prolonged shortages in raw material supplies, delays and disruptions to manufacturing, production and shipping, congestion at key shipping ports and shortages in warehouse storage space due to the supply chain crisis, could significantly and adversely affect our business if one or more of our manufacturers or suppliers are impacted by any interruption at a particular location or in relation to a particular material or component. To the extent the disruptions in the U.S. supply chain continue, our business, particularly the manufacturing of the PURE EP™ System, could be adversely affected.

### **ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS**

None.

### **ITEM 3. DEFAULTS UPON SENIOR SECURITIES**

None.

### **ITEM 4. MINE SAFETY DISCLOSURES**

None.

### **ITEM 5. OTHER INFORMATION**

None.

**ITEM 6. EXHIBITS**

<b>Exhibit No.</b>	<b>Description</b>
3.1	<a href="#">Amended and Restated Certificate of Incorporation of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.1 to the Form S-1 filed on July 22, 2013)</a>
3.2	<a href="#">Certificate of Amendment to the Amended and Restated Certificate of Incorporation of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.2 to the Form S-1 filed on July 22, 2013)</a>
3.3	<a href="#">Certificate of Second Amendment to the Amended and Restated Certificate of Incorporation of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.3 to the Form S-1 filed on July 22, 2013)</a>
3.4	<a href="#">Certificate of Third Amendment to the Amended and Restated Certificate of Incorporation of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.5 to the Form S-1/A filed on January 21, 2014)</a>
3.5	<a href="#">Certificate of Fourth Amendment to the Amended and Restated Certificate of Incorporation of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.6 to the Form S-1/A filed on March 28, 2014)</a>
3.6	<a href="#">Certificate of Fifth Amendment to the Amended and Restated Certificate of Incorporation of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on August 21, 2014)</a>
3.7	<a href="#">Certificate of Sixth Amendment to the Amended and Restated Certificate of Incorporation of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on November 25, 2016)</a>
3.8	<a href="#">Certificate of Seventh Amendment to the Amended and Restated Certificate of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on September 10, 2018)</a>
3.9	<a href="#">Certificate of Designation of Preferences, Rights and Limitations of Series D Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on November 9, 2017)</a>
3.10	<a href="#">Certificate of Designation of Preferences, Rights and Limitations of Series E Convertible Preferred Stock (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on February 16, 2018)</a>
3.11	<a href="#">Certificate of Designations of Series F Junior Participating Preferred Stock of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on July 17, 2020)</a>
3.12	<a href="#">Amended and Restated Bylaws of BioSig Technologies, Inc. (incorporated by reference to the Exhibit 3.1 to the Form 8-K filed on September 27, 2019)</a>
3.13	<a href="#">Amendment No. 1 to Amended and Restated Bylaws of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on October 22, 2019)</a>
3.14	<a href="#">Amendment No. 2 to Amended and Restated Bylaws of BioSig Technologies, Inc. (incorporated by reference to Exhibit 3.1 to the Form 8-K filed on December 28, 2022)</a>
4.1	<a href="#">Form of Common Stock Purchase Warrant dated January 24, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on January 24, 2023)</a>
4.2	<a href="#">Form of Common Stock Purchase Warrant dated January 13, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on January 17, 2023)</a>
4.3	<a href="#">Form of Common Stock Purchase Warrant dated January 26, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on January 26, 2023)</a>
4.4	<a href="#">Form of Laidlaw Warrant dated January 24, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on February 7, 2023)</a>
4.5	<a href="#">Form of Common Stock Purchase Warrant dated February 8, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on February 8, 2023)</a>
4.6	<a href="#">Form of Laidlaw Warrant dated January 13, 2023 (incorporated by reference to Exhibit 4.2 to the Form 8-K filed on February 8, 2023)</a>
4.7	<a href="#">Form of Laidlaw Warrant dated February 8, 2023 (incorporated by reference to Exhibit 4.3 to the Form 8-K filed on February 8, 2023)</a>
4.8	<a href="#">Form of Common Stock Purchase Warrant dated February 13, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on February 13, 2023)</a>
4.9	<a href="#">Form of Laidlaw Warrant dated March 16, 2023 (incorporated by reference to Exhibit 4.2 to the Form 8-K filed on March 15, 2023)</a>
4.10	<a href="#">Form of Common Stock Purchase Warrant dated March 16, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on March 15, 2023)</a>
4.11	<a href="#">Form of Laidlaw Warrant dated March 29, 2023 (incorporated by reference to Exhibit 4.2 to the Form 8-K filed on March 29, 2023)</a>

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4.12	<a href="#">Form of Common Stock Purchase Warrant dated March 29, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on March 29, 2023)</a>
4.13	<a href="#">Form of Common Stock Purchase Warrant dated April 21, 2023 (incorporated by reference to Exhibit 4.1 to the Form 8-K filed on April 21, 2023)</a>
4.14	<a href="#">Form of Laidlaw Warrant dated April 21, 2023 (incorporated by reference to Exhibit 4.2 to the Form 8-K filed on April 21, 2023)</a>
10.1	<a href="#">Form of Securities Purchase Agreement dated as of January 10, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on January 17, 2023)</a>
10.2	<a href="#">Form of Securities Purchase Agreement dated as of January 23, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on January 24, 2023)</a>
10.3	<a href="#">Form of Securities Purchase Agreement dated as of January 25, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on January 26, 2023)</a>
10.4	<a href="#">General Release and Severance Agreement dated January 29, 2023 by and between Steve Chaussy and BioSig Technologies, Inc. (incorporated by reference to Exhibit 10.1 to the amended Form 8-K filed on February 7, 2023)</a>
10.5	<a href="#">Form of Securities Purchase Agreement dated as of February 3, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on February 8, 2023)</a>
10.6	<a href="#">BioSig Technologies, Inc. 2023 Long-Term Incentive Plan dated February 7, 2023 (incorporated by reference to Exhibit 10.1 to Form 8-K filed on February 9, 2023)</a>
10.7	<a href="#">Form of Securities Purchase Agreement dated as of February 8, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on February 13, 2023)</a>
10.8	<a href="#">Form of Securities Purchase Agreement dated as of March 14, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on March 15, 2023)</a>
10.9	<a href="#">Form of Securities Purchase Agreement dated as of March 24, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on March 29, 2023)</a>
10.10	<a href="#">Form of Securities Purchase Agreement dated as of April 18, 2023 by and between BioSig Technologies, Inc. and certain purchasers set forth therein (incorporated by reference to Exhibit 10.1 to the Form 8-K filed on April 21, 2023)</a>
31.01*	<a href="#">Certification of Chief Executive Officer pursuant to Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.</a>
31.02*	<a href="#">Certification of Chief Financial Officer pursuant to Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.</a>
32.01**	<a href="#">Certifications of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.</a>
101 INS*	Inline XBRL Instance Document
101 SCH*	Inline XBRL Taxonomy Extension Schema Document
101 CAL*	Inline XBRL Taxonomy Calculation Linkbase Document
101 LAB*	Inline XBRL Taxonomy Labels Linkbase Document
101 PRE*	Inline XBRL Taxonomy Presentation Linkbase Document
101 DEF*	Inline XBRL Taxonomy Extension Definition Linkbase Document
104*	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)

\* Filed herewith.

\*\* Furnished herewith.

## SIGNATURES

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.

### BIOSIG TECHNOLOGIES, INC.

Date: May 15, 2023

By: /s/ Kenneth L. Londoner  
Kenneth L. Londoner  
Chairman & Chief Executive Officer (Principal Executive Officer)

Date: May 15, 2023

By: /s/ Steven J. Buhaly  
Steven J. Buhaly  
Chief Financial Officer (Principal Accounting Officer)

CERTIFICATION

I, Kenneth L. Londoner, certify that:

1. I have reviewed this quarterly report on Form 10-Q of BioSig Technologies, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonable likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.

Date: May 15, 2023

/s/ Kenneth L. Londoner

Kenneth L. Londoner

Chairman & Chief Executive Officer (Principal Executive Officer)



CERTIFICATION

I, Steven J. Buhaly, certify that:

1. I have reviewed this quarterly report on Form 10-Q of BioSig Technologies, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonable likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.

Date: May 15, 2023

/s/ Steven J. Buhaly

Steven J. Buhaly

Chief Financial Officer (Principal Accounting Officer)

**CERTIFICATIONS OF CHIEF EXECUTIVE OFFICER AND CHIEF FINANCIAL OFFICER  
PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

I, Kenneth L. Londoner, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of BioSig Technologies, Inc. on Form 10-Q for the fiscal quarter ended March 31, 2023 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that information contained in this Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition and results of operations of BioSig Technologies, Inc.

Date: May 15, 2023

By: /s/ Kenneth L. Londoner  
Name: Kenneth L. Londoner  
Title: *Chairman & Chief Executive Officer (Principal Executive Officer)*

I, Steven J. Buhaly, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of BioSig Technologies, Inc. on Form 10-Q for the fiscal quarter ended March 31, 2023 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that information contained in this Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition and results of operations of BioSig Technologies, Inc.

Date: May 15, 2023

By: /s/ Steven J. Buhaly  
Name: Steven J. Buhaly  
Title: *Chief Financial Officer (Principal Accounting Officer)*