

---

---

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

---

**FORM 8-K**

---

**CURRENT REPORT  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): August 24, 2023

**BioSig Technologies, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-38659**  
(Commission File Number)

**26-4333375**  
(IRS Employer  
Identification No.)

**55 Greens Farms Road, 1st Floor  
Westport, Connecticut**  
(Address of principal executive offices)

**06880**  
(Zip Code)

**(203) 409-5444**  
(Registrant's telephone number, including area code)

N/A  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

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

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

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.

---

**Item 7.01 Regulation FD Disclosure.**

On August 24, 2023, BioSig Technologies, Inc. (the “*Company*”), issued a press release, attached hereto as Exhibit 99.1, providing an update since the launch of the Company’s technology team. The Company undertakes no obligation to update, supplement or amend the materials attached hereto as Exhibit 99.1.

In accordance with General Instruction B.2 of Form 8-K, the information in this Item 7.01 of this Current Report on Form 8-K, including Exhibit 99.1, shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “*Exchange Act*”), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Exchange Act or the Securities Act of 1933, as amended, except as shall be expressly set forth by reference in such a filing. Furthermore, the furnishing of information under Item 7.01 of this Current Report on Form 8-K is not intended to constitute a determination by the Company that the information contained herein, including the exhibits hereto, is material or that the dissemination of such information is required by Regulation FD.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit Number</b>	<b>Description</b>
99.1	<a href="#">Press Release dated August 24, 2023 (furnished herewith pursuant to Item 7.01)</a>
104	Cover Page Interactive Data File (formatted as Inline XBRL)

---

**SIGNATURES**

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

**BIOSIG TECHNOLOGIES, INC.**

Date: August 24, 2023

By: /s/ Kenneth L. Londoner  
Name: Kenneth L. Londoner  
Title: Executive Chairman



**BioSig Technologies, Inc.**

www.biosig.com



1 (870) SIGNALS

customerservice@biosigtech.com



55 Greens Farms Rd, FL 1  
Westport, CT 06880



## BioSig AI Sciences Achieves Infrastructure and Technology progress in Development of Generative AI Platform for Hospitals

BioSig Technologies, Inc. (NASDAQ: BSGM) (“BioSig” or the “Company”), a medical technology company delivering unprecedented accuracy and precision to intracardiac signal visualization, today is providing an update since the launch of BioSig’s established technology team with external partners and collaborators to advance the research and development of an artificial intelligence (“AI”) medical device platform.

On July 20, 2023, we announced the inclusion of BioSig AI Sciences, Inc., a majority owned subsidiary of the Company (“BAIS”), in Nvidia’s Inception partnership program, providing our team access to engineering and technology support. On July 23, 2023, BAIS completed its seed round of funding of \$2.2 million. The funding valued the majority owned subsidiary at \$15 million.

In less than a month since closing BAIS’s initial funding, it has been meeting with numerous hospital customers at the highest levels of leadership. BAIS has identified numerous opportunities to bring our proprietary AI platform to market. In addition, BAIS has recently signed a collaboration agreement with a leading global technology organization who will be building important data infrastructure, enabling a scaling of the platform in high-volume, data intensive hospital centers.

Kenneth Londoner, Chairman & CEO of BioSig, “In my 30+ year career in and around the technology marketplace, I have never seen more compelling growth opportunities than what I am seeing today. The leading hospitals are looking for entrepreneurial and agile emerging market participants to test and adopt AI based solutions. Given our relationships and ramp up of commercial placements of PURE EP™ platform technology, combined with our external technology relationships and internal capabilities, we expect to demonstrate significant progress in 2023 and beyond”.

According to Data Bridge Market Research, the market for AI in healthcare, estimated at \$9.6 billion in 2022, is expected to reach \$272.9 billion by 2030, at a CAGR of 51.9% during the forecast period.<sup>1</sup>

### About BAIS

BAIS, a majority-owned subsidiary of BioSig, is developing AI solutions for the hospital marketplace utilizing structured, semi-structured, and unstructured data.

### About BioSig Technologies

BioSig Technologies is a medical technology company focused on deciphering the body’s electrical signals, starting with heart rhythms. By leveraging a first of its kind combination of hardware and software, we deliver unprecedented cardiac signal clarity, ending the reliance on ‘mixed signals’ and ‘reading between the lines.’ Our platform technology is addressing some of healthcare’s biggest challenges—saving time, saving costs, and saving lives.

The Company’s product, the PURE EP™ Platform, an FDA 510(k) cleared non-invasive class II device, provides superior, real-time signal visualization allowing physicians to perform highly targeted cardiac ablation procedures with increased procedural efficiency and efficacy.

An estimated, 14.4 million Americans suffer from cardiac arrhythmias, and the global EP market is projected to reach \$16B in 2028 with an 11.2% growth rate.



**Forward-looking Statements**

This press release contains “forward-looking statements.” Such statements may be preceded by the words “intends,” “may,” “will,” “plans,” “expects,” “anticipates,” “projects,” “predicts,” “estimates,” “aims,” “believes,” “hopes,” “potential” or similar words. Forward-looking statements are not guarantees of future performance, are based on certain assumptions and are subject to various known and unknown risks and uncertainties, many of which are beyond the Company’s control, and cannot be predicted or quantified and consequently, actual results may differ materially from those expressed or implied by such forward-looking statements. Such risks and uncertainties include, without limitation, risks and uncertainties associated with (i) the geographic, social and economic impact of COVID-19 on our ability to conduct our business and raise capital in the future when needed, (ii) our inability to manufacture our products and product candidates on a commercial scale on our own, or in collaboration with third parties; (iii) difficulties in obtaining financing on commercially reasonable terms; (iv) changes in the size and nature of our competition; (v) loss of one or more key executives or scientists; and (vi) difficulties in securing regulatory approval to market our products and product candidates. More detailed information about the Company and the risk factors that may affect the realization of forward-looking statements is set forth in the Company’s filings with the Securities and Exchange Commission (SEC), including the Company’s Annual Report on Form 10-K and its Quarterly Reports on Form 10-Q. Investors and security holders are urged to read these documents free of charge on the SEC’s website at <http://www.sec.gov>. The Company assumes no obligation to publicly update or revise its forward-looking statements as a result of new information, future events or otherwise.

References

**References**

- 1) Data Bridge Market Research. Global Artificial Intelligence in Healthcare Market – Industry Trends and Forecast to 2030. January 2023.
- 2) Global Market Insights, Inc. (2022, March).

For investor relations:

Andrew Ballou  
BioSig Technologies, Inc.  
Vice President, Investor Relations  
55 Greens Farms  
Westport, CT 06880  
[aballou@biosigtech.com](mailto:aballou@biosigtech.com)  
203-409-5444, x133

