

**EXHIBIT 32.1**

**CERTIFICATIONS PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ENACTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report of Guardion Health Sciences, Inc. (the "Company") on Form 10-K for the period ending December 31, 2016 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), each of Michael Favish, Chief Executive Officer of the Company, and John Townsend, Controller of the Company, certify, pursuant to 18 U.S.C. § 1350, as enacted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

March 30, 2017

/s/ Michael Favish  
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Michael Favish  
Chief Executive Officer  
(Principal Executive Officer)

March 30, 2017

/s/ John Townsend  
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John Townsend  
Controller and Chief Accounting Officer  
(Principal Accounting Officer)

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