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

**FORM 6-K**

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

For the month of March, 2023.

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**Commission File Number: 001-40530**

**GH Research PLC**  
**(Exact name of registrant as specified in its charter)**

**28 Baggot Street Lower  
Dublin 2  
D02 NX43  
Ireland**  
**(Address of principal executive office)**

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

Form 20-F            Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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GH Research PLC (the “Company”) will participate in a corporate panel and hold one-on-one investor meetings during the 43<sup>rd</sup> Annual TD Cowen Health Care Conference, which is scheduled to take place from March 6-8, 2023 in Boston, Massachusetts.

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**SIGNATURE**

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.

**GH Research PLC**

Date: March 6, 2023

By: /s/ Julie Ryan

Name: Julie Ryan

Title: Vice President, Finance

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