

PROSPECTUS SUPPLEMENT NO. 4
To Prospectus dated March 29, 2022

HYPERFINE

HYPERFINE, INC.

Up to 41,775,946 Shares of Class A Common Stock
Up to 15,055,288 Shares of Class B Common Stock

This prospectus supplement no. 4 supplements the prospectus dated March 29, 2022, as supplemented from time to time (the "Prospectus"), relating to the resale from time to time by the Selling Securityholders named in the Prospectus (the "Selling Securityholders") of up to (i) 5,025,000 shares of Class A common stock, par value \$0.0001 per share ("Class A common stock"), held by the sponsor of our predecessor company, HealthCor Catalio Acquisition Corp., a Delaware corporation ("HealthCor"), HC Sponsor LLC (the "Sponsor"), and certain of its transferees (the "Founder Shares"), (ii) 12,122,000 shares of Class A common stock issued in the PIPE Investment (as defined in the Prospectus), (iii) 23,714,946 shares of Class A common stock issued to our directors, officers and affiliates and the directors, officers and affiliates of Legacy Hyperfine (as defined in the Prospectus) pursuant to the Business Combination Agreement (as defined in the Prospectus), including shares of Class A common stock that may be issued upon the exercise of stock options (the "Options") and the vesting of restricted stock units or upon the conversion of Class B common stock, par value \$0.0001 per share ("Class B common stock"), (iv) 614,000 shares of Class A common stock issued in the Private Placement (as defined in the Prospectus), (v) 300,000 shares issued following the closing of the Business Combination (as defined in the Prospectus) in lieu of \$3.0 million of deferred underwriting compensation payable to the sole bookrunning manager of HealthCor's initial public offering (the "Letter Agreement Shares"), and (vi) 15,055,288 shares of Class B common stock issued pursuant to the Business Combination Agreement.

The Prospectus provides you with a general description of such securities and the general manner in which we and the Selling Securityholders may offer or sell the securities. More specific terms of any securities that we and the Selling Securityholders may offer or sell may be provided in a prospectus supplement that describes, among other things, the specific amounts and prices of the securities being offered and the terms of the offering. The prospectus supplement may also add, update or change information contained in the Prospectus.

We will not receive any proceeds from the sale of shares of Class A common stock or shares of Class B common stock by the Selling Securityholders, except with respect to amounts received by us upon exercise of the Options.

However, we will pay the expenses, other than any underwriting discounts and commissions, associated with the sale of securities pursuant to the Prospectus.

We registered the securities for resale pursuant to the Selling Securityholders' registration rights under certain agreements between us and the Selling Securityholders. Our registration of the securities covered by the Prospectus does not mean that either we or the Selling Securityholders will issue, offer or sell, as applicable, any of the securities. The Selling Securityholders may offer and sell the securities covered by the Prospectus in a number of different ways and at varying prices. We provide more information about how the Selling Securityholders may sell the shares in the section entitled "Plan of Distribution" in the Prospectus.

This prospectus supplement incorporates into the Prospectus the information contained in our attached current report on Form 8-K, which was filed with the Securities and Exchange Commission on July 14, 2022.

You should read this prospectus supplement in conjunction with the Prospectus, including any supplements and amendments thereto. This prospectus supplement is qualified by reference to the Prospectus except to the extent that the information in the prospectus supplement supersedes the information contained in the Prospectus. This prospectus supplement is not complete without, and may not be delivered or utilized except in connection with, the Prospectus, including any supplements and amendments thereto.

Our Class A common stock is listed on Nasdaq under the symbol “HYPR”. On July 13, 2022, the closing price of our Class A common stock was \$1.58.

Investing in our securities involves a high degree of risk. See “Risk Factors” beginning on page 13 of the Prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement of the Prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is July 14, 2022.

**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): July 8, 2022

Hyperfine, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction
of Incorporation)

001-39949
(Commission
File Number)

98-1569027
(IRS Employer
Identification No.)

351 New Whitfield Street
Guilford, Connecticut
(Address of Principal Executive Offices)

06437
(Zip Code)

Registrant's Telephone Number, Including Area Code: (866) 796-6767

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:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A common stock, \$0.0001 par value per share	HYPR	The Nasdaq Stock Market LLC

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 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

Interim President and Chief Executive Officer Compensation

As previously disclosed, on June 29, 2022, the Board of Directors (the “Board”) of Hyperfine, Inc. (the “Company”) appointed R. Scott Huennekens as Interim President and Chief Executive Officer of the Company, effective as of July 29, 2022. Mr. Huennekens currently serves as Executive Chairperson of the Board.

On July 8, 2022, the Board approved the terms of compensation to be granted to Mr. Huennekens for his service as Interim President and Chief Executive Officer. Mr. Huennekens will be compensated in the amount of \$30,000 per month, effective as of July 1, 2022, until a new President and Chief Executive Officer is duly appointed and qualified (the “Huennekens Interim Compensation”). In addition, Mr. Huennekens will continue to be entitled to an annual cash retainer fee of \$50,000, an annual equity grant and the reimbursement of expenses for his service as a non-employee director in accordance with the Company’s Nonemployee Director Compensation Policy.

Termination of Consulting Agreement

In connection with the Board’s approval of the Huennekens Interim Compensation, on July 8, 2022, the Company terminated the Consulting Agreement, dated as of April 25, 2021, by and between Hyperfine Operations, Inc., a wholly-owned subsidiary of the Company, and Mr. Huennekens (the “Consulting Agreement”), effective June 30, 2022. Under the Consulting Agreement, Mr. Huennekens was entitled to payment of \$10,000 per month for his service as Executive Chairperson.

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 hereunto duly authorized.

Date: July 14, 2022

HYPERFINE, INC.

By: /s/ Neela Paykel
Neela Paykel
General Counsel, Chief Compliance Officer and
Corporate Secretary