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 April 2024

Commission File Number: 001-41598

YS BIOPHARMA CO., LTD.

(Exact name of registrant as specified in its charter)

Building No. 2, 38 Yongda Road Daxing Biomedical Industry Park Daxing District, Beijing, PRC Tel: 010-89202086

(Address of principal executive offices)

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

Form 20-F ⊠ Form 40-F □

EXHIBITS

Exhibit No. Description

99.1 Press Release - YS Biopharma Announces Full Repayment of US\$40,000,000 Loan Facility

Exhibit 99.1 to this Current Report on Form 6-K is hereby incorporated by reference into the registration statements of the Company on Form F-1 (File No. 333-271221) and Form S-8 (File No. 333-273165), to the extent not superseded by documents or reports subsequently filed.

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.

Date: April 3, 2024

YS Biopharma Co., Ltd.

By: /s/ Hui Shao

Name: Hui Shao

Title: Director and Chief Executive Officer

YS Biopharma Announces Full Repayment of US\$40,000,000 Loan Facility

GAITHERSBURG, Md., April 3, 2024 /PRNewswire/ -- YS Biopharma Co., Ltd. (Nasdaq: YS) ("YS Biopharma" or the "Company"), a global biopharmaceutical company dedicated to discovering, developing, manufacturing, and delivering new generations of vaccines and therapeutic biologics for infectious diseases and cancer, today announced the full repayment of the US\$40,000,000 loan borrowed under that certain facility agreement, dated March 16, 2022, between YishengBio (Hong Kong) Holdings Limited, a wholly-owned subsidiary of the Company, and R-Bridge Healthcare Fund, LP, as agent (the "Facility Agreement").

Dr. David Shao, Director, President, and CEO of the Company, commented, "The repayment represents a burden lifted from the shoulders of our company. With the loan facility and its associated royalty obligations out of the way, we can now devote more resources to executing on our business plan, and move forward with an improved capital structure. This enhanced strength will give us greater flexibility in our financial operation and business operation strategies, and we are eager to forge ahead now that our debt burden has been substantially reduced."

About YS Biopharma

YS Biopharma is a global biopharmaceutical company dedicated to discovering, developing, manufacturing, and commercializing new generations of vaccines and therapeutic biologics for infectious diseases and cancer. It has developed a proprietary PIKA® immunomodulating technology platform and a series of preventive and therapeutic biologics with a potential for improved Rabies, Coronavirus, Hepatitis B, Influenza, and Shingles vaccines. YS Biopharma operates in China, the United States, Singapore and the Philippines, and is led by a management team that combines rich local expertise and global experience in the bio-pharmaceutical industry. For more information, please visit investor.ysbiopharm.com.

Cautionary Statement Regarding Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical or current fact included in this press release are forward-looking statements, including but not limited to statements regarding the expected growth of the Company, the development progress of all product candidates, the progress and results of all clinical trials, the Company's ability to source and retain talent, and the cash position of the Company. Forward-looking statements may be identified by the use of words such as "estimate," "plan," "project," "forecast," "intend," "will," "expect," "anticipate," "believe," "seek," "target" or other similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These statements are based on various assumptions, whether identified in this press release, and on the current expectations of YS Biopharma's management and are not predictions of actual performance.

YS Biopharma cannot assure you that the forward-looking statements in this press release will prove to be accurate. These forward-looking statements are subject to a number of risks and uncertainties, including those included under the heading "Risk Factors" in the Company's most recent annual report on Form 20-F, as well as discussions of potential risks, uncertainties and other important factors in the Company's subsequent filings with the SEC. There may be additional risks that YS Biopharma does not presently know or that YS Biopharma currently believes are immaterial that could also cause actual results to differ from those contained in the forward-looking statements. In light of the significant uncertainties in these forward-looking statements, nothing in this press release should be regarded as a representation by any person that the forward-looking statements set forth herein will be achieved or that any of the contemplated results of such forward-looking statements will be achieved. The forward-looking statements in this press release represent the views of YS Biopharma as of the date of this press release. Subsequent events and developments may cause those views to change. However, while YS Biopharma may update these forward-looking statements in the future, there is no current intention to do so, except to the extent required by applicable law. You should, therefore, not rely on these forward-looking statements as representing the views of YS Biopharma as of any date subsequent to the date of this press release. Except as may be required by law, YS Biopharma does not undertake any duty to update these forward-looking statements.

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