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 of the
Securities Exchange Act of 1934

For the month of March 2020

Commission File Number: 001-36581

Vascular Biogenics Ltd.

(Translation of registrant's name into English)

8 HaSatat St.,
Modi'in,
Israel 7178106
(Address of principal executive offices)

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

Form 20-F [X] 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):

Yes [ ] No [X]

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):

Yes [ ] No [X]

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes [ ] No [X]

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

EXPLANATORY NOTE

On March 26, 2020, Vascular Biogenics, Ltd. (the "Company") issued the following press release announcing the outcome of the interim analysis in its OVAL Phase 3 Ovarian Cancer Pivotal Study, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

This report on Form 6-K and Exhibit 99.1 filed herewith is being filed by the Company and is hereby expressly incorporated by reference into the Company's Registration Statements on Form F-3 (file nos. 333-222138 and 333-207250).

EXHIBITS

Exhibit	Description
99.1	Press Release Dated March 26, 2019

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.

VASCULAR BIOGENICS LTD.

Date: March 26, 2020

By: */s/ Dror Harats*

Name: Dror Harats

Title: Chief Executive Officer

Exhibit 99.1

VBL Therapeutics Announces Positive Outcome of the Interim Analysis in the OVAL Phase 3 Ovarian Cancer Pivotal Study

- *OVAL independent Data Safety Monitoring Committee (DSMC) reviewed un-blinded data and determined that the study has met the interim pre-specified criterion, of an absolute percentage advantage of 10% or higher in CA-125 response in the VB-111 treated arm compared to control. The DSMC recommends that the study proceed without modification.*

- Overall CA-125 response rate in the first 60 randomized evaluable patients is 53%. *Assuming a balanced randomization, the response rate in the treatment arm (VB-111 in addition to weekly paclitaxel) is 58% or higher.*

- *In patients with post-treatment fever, the CA-125 response is 69%. Fever is frequently observed after VB-111 treatment.*

- *The CA-125 response rate observed in the Phase 3 interim analysis is at least as good as the response rate seen in Phase 2, which enrolled similar population of patients with platinum-resistant ovarian cancer***.**

TEL AVIV, Israel, March 26, 2020 (GLOBE NEWSWIRE) — VBL Therapeutics (Nasdaq: VBLT) today announced an encouraging outcome of the planned interim analysis in the OVAL study, a double-blind controlled potential-registration study in patients with platinum-resistant ovarian cancer. The OVAL independent Data Safety Monitoring Committee (DSMC), reviewed un-blinded data and assessed CA-125 response, measured according to the GCIG criteria, in the first 60 enrolled subjects evaluable for CA-125 analysis. The DSMC confirmed *that the study met the interim pre-specified efficacy criterion, of an absolute percentage advantage of 10% or higher CA-125 response rate for the VB-111 treatment arm, and recommended the study continuance.*

The overall CA-125 response rate in the first 60 randomized evaluable patients is 53%. Assuming a balanced randomization, the response rate in the treatment arm (VB-111 in addition to weekly paclitaxel) is 58% or higher. In patients who had post-dosing fever, which is a marker for VB-111 treatment, *the response rate* is 69%.

“The encouraging interim readout in this randomized controlled study, together with the promising data seen in the earlier VB-111 Phase 2 are signals for the potential of VB-111 in platinum-resistant ovarian cancer, an indication with a major unmet need,” said the Chairman of the OVAL study Steering Committee, Bradley J. Monk, M.D., FACS, FACOG, Co-Director of GOG Partners, Arizona Oncology (US Oncology Network) and Professor, Gynecologic Oncology at University of Arizona, Creighton University, Medical Director of US Oncology Research Gynecology program in Phoenix, Arizona.

“We are very pleased by the outcome of this interim analysis, which demonstrates the potential benefit of VB-111 over standard-of-care in a randomized-controlled study,” said Dror Harats, MD, Chief Executive Officer of VBL Therapeutics. “The *OVAL Phase 3 interim data are at least as good as the CA-125 response results observed in our VB-111 Phase 2 study, which enrolled a similar patient population.* This encouraging interim result adds to the promising data seen with VB-111 across our Phase 2 studies in multiple indications”.

In the previously reported Phase 2 study of VB-111 in platinum resistant ovarian cancer, 58% of the patients treated with VB-111 and paclitaxel demonstrated a CA-125 response. Those patients with a CA-125 response demonstrated a median overall survival of 808 days, versus 351 days for those patients without CA-125 response. *The* DSMC recommendation that the OVAL trial proceed is not assurance that the trial will meet its primary endpoint. The primary endpoint of the OVAL Phase 3 study is overall survival, which currently approved therapies for platinum-resistant ovarian cancer have thus far failed to demonstrate.

Conference Call Information

VBL will host a live KOL and Update Call on the OVAL Phase 3 trial at 2:00 p.m. ET today. The conference call may be accessed by dialing 1-877-407-9208 (domestic, toll-free) and 1-201-493-6784 (toll/international) or Israel Toll Free 1-809-406-247 and referring to conference ID 13700764. A webcast of the conference call will be available by clicking here. The archived webcast will be available in the Investors Relations section of the VBL Therapeutics website at http://ir.vblrx.com/ after the conference call.

About the OVAL study (NCT03398655)

OVAL is an international Phase 3 randomized pivotal potential registration clinical trial that compares a combination of VB-111 and paclitaxel to placebo plus paclitaxel, in patients with platinum-resistant ovarian cancer. The study is planned to enroll approximately 400 patients. OVAL is conducted in collaboration with the GOG Foundation, Inc., an independent international non-profit organization with the purpose of promoting excellence in the quality and integrity of clinical and basic scientific research in the field of gynecologic malignancies.

About VB-111 (ofranergene obadenovec)

VB-111 is a first-in-class, targeted anti-cancer gene-therapy agent that is being developed to treat a wide range of solid tumors. VB-111 is a unique biologic agent that uses a dual mechanism to target solid tumors. Its mechanism combines blockade of tumor vasculature with an anti-tumor immune response. VB-111 is administered as an IV infusion once every 6-8 weeks. It has been observed to be well-tolerated in >300 cancer patients and demonstrated activity signals in an “all comers” Phase 1 trial as well as in three tumor-specific Phase 2 studies.VB-111 has received an Orphan Designation for the treatment of ovarian cancer from the European Commission. VB-111 has also received orphan drug designation in both the US and Europe, and fast track designation in the US for prolongation of survival in patients with rGBM. VB-111 successfully demonstrated proof-of-concept and survival benefit in Phase 2 clinical trials in radioiodine-refractory thyroid cancer and recurrent platinum-resistant ovarian cancer (NCT01711970).

About VBL

Vascular Biogenics Ltd., operating as VBL Therapeutics, is a clinical stage biopharmaceutical company focused on the discovery, development and commercialization of first-in-class treatments for areas of unmet need in cancer and immune/inflammatory indications.

About The GOG Foundation, Inc.

The GOG Foundation, Inc. (GOG-F) is a not-for-profit organization with the purpose of promoting excellence in the quality and integrity of clinical and basic scientific research in the field of gynecologic malignancies. The GOG-F is committed to maintaining the highest standards in clinical trials development, execution, analysis and distribution of results. The GOG-F is the only group in the United States that focuses its research on women with pelvic malignancies, such as cancer of the ovary, uterus, and cervix. The GOG-F is multi-disciplinary in its approach to clinical trials, and includes gynecologic oncologists, medical oncologists, pathologists, radiation oncologists, nurses, statisticians, basic scientists, quality of life experts, data managers, and administrative personnel.

Forward Looking Statements

This press release contains forward-looking statements. All statements other than statements of historical fact are forward-looking statements, which are often indicated by terms such as “anticipate,” “believe,” “could,” “estimate,” “expect,” “goal,” “intend,” “look forward to,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “will,” “would” and similar expressions. These forward-looking statements may include, but are not limited to, statements regarding our programs, including VB-111, including their clinical development, therapeutic potential and clinical results. These forward-looking statements are not promises or guarantees and involve substantial risks and uncertainties. Among the factors that could cause actual results to differ materially from those described or projected herein include uncertainties associated generally with research and development, clinical trials and related regulatory reviews and approvals, the risk that historical clinical trial results may not be predictive of future trial results, that our financial resources do not last for as long as anticipated, and that we may not realize the expected benefits of our intellectual property protection. In particular, the DSMC recommendation that the OVAL trial proceed is not assurance that the trial will meet its primary endpoint of overall survival once completed. A further list and description of these risks, uncertainties and other risks can be found in our regulatory filings with the U.S. Securities and Exchange Commission, including in our annual report on Form 20-F for the year ended December 31, 2019, and subsequent filings with the SEC. Existing and prospective investors are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. VBL Therapeutics undertakes no obligation to update or revise the information contained in this press release, whether as a result of new information, future events or circumstances or otherwise.

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