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

FORM S-1
REGISTRATION STATEMENT

Under
The Securities Act of 1933

MODERNA, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation or organization)

2836
(Primary Standard Industrial Classification Code Number)

81-3467528
(I.R.S. Employer Identification Number)

200 Technology Square
Cambridge, MA 02139
(617) 714-6500
(Address, including zip code, and telephone number, including area code, of registrant’s principal executive offices)

Stéphane Bancel
Chief Executive Officer
200 Technology Square
Cambridge, MA 02139
(617) 714-6500
(Name, address, including zip code, and telephone number, including area code, of agent for service)

Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of this registration statement.

Copies to:
Stuart Cable, Esq.
Kingsley Taft, Esq.
Gregg Katz, Esq.
Goodwin Procter LLP
100 Northern Avenue
Boston, MA 02210
(617) 570-1000

Lori Henderson, Esq.
General Counsel
Moderna, Inc.
200 Technology Square
Cambridge, MA 02139
(617) 714-6500

Patrick O’Brien, Esq.
Michael S. Pilo, Esq.
Ropes & Gray LLP
Prudential Tower
800 Boylston Street
Boston, MA 02116
(617) 951-7527

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended, check the following box. □

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☒ 333-228300

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. □

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. □
Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company” and “emerging growth company” in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer ☐ Accelerated Filer ☐
Non-Accelerated Filer ☒ (Do not check if a smaller reporting company) Smaller Reporting Company ☐
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 7(a)(2)(B) of the Securities Act. ☐

<table>
<thead>
<tr>
<th>Title of Each Class of Securities to be Registered</th>
<th>Amount to be registered(1)</th>
<th>Proposed maximum aggregate offering price per share</th>
<th>Proposed maximum aggregate offering price</th>
<th>Amount of registration fee(2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common stock, $0.0001 par value per share</td>
<td>5,217,391</td>
<td>$23.00</td>
<td>$119,999,993</td>
<td>$14,544</td>
</tr>
</tbody>
</table>

(1) Represents only the additional number of shares being registered and includes 680,529 shares of common stock issuable upon exercise of the underwriters’ option to purchase additional shares, if any. Does not include the securities that the Registrant previously registered on the Registration Statement on Form S-1 (File No. 333-228300).

(2) The registration fee is calculated in accordance with Rule 457(a) under the Securities Act of 1933, as amended, based on the proposed maximum aggregate offering price. The registrant previously registered securities at an aggregate offering price not to exceed $600,000,000 on a Registration Statement on Form S-1 (File No. 333-228300), which was declared effective by the Securities and Exchange Commission on December 6, 2018. In accordance with Rule 462(b) under the Securities Act, an additional amount of securities having a proposed maximum aggregate offering price of $119,999,993 is hereby registered, which includes shares issuable upon the exercise of the underwriters’ option to purchase additional shares.

The Registration Statement shall become effective upon filing in accordance with Rule 462(b) promulgated under the Securities Act of 1933, as amended.
This Registration Statement is being filed pursuant to Rule 462(b) under the Securities Act of 1933, as amended (the “Securities Act”). The contents of the Registration Statement on Form S-1 (File No. 333-228300), including the amendments and exhibits thereto, filed by Moderna, Inc. with the Securities and Exchange Commission (the "Commission") pursuant to the Securities Act, which was declared effective by the Commission on December 6, 2018, are incorporated by reference into this Registration Statement.

The required opinion and consents are listed on an Exhibit Index attached hereto and filed herewith.
### EXHIBIT INDEX

<table>
<thead>
<tr>
<th>Exhibit No.</th>
<th>Exhibit Index</th>
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<tr>
<td>5.1</td>
<td>Opinion of Goodwin Procter LLP</td>
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<tr>
<td>23.1</td>
<td>Consent of Ernst &amp; Young LLP, Independent Registered Public Accounting Firm</td>
</tr>
<tr>
<td>23.2</td>
<td>Consent of Goodwin Procter LLP (included in Exhibit 5.1)</td>
</tr>
<tr>
<td>24.1*</td>
<td>Power of Attorney</td>
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* Previously filed on the signature page to the Registrant’s Registration Statement on Form S-1, as amended (File No. 333-228300), originally filed with the Securities and Exchange Commission on November 9, 2018 and incorporated by reference herein.
Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant has duly caused this Registration Statement on Form S-1 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Cambridge, Commonwealth of Massachusetts, on the 6th day of December, 2018.

MODERNA, INC.

By: /s/ Stéphane Bancel

Name: Stéphane Bancel
Title: Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement on Form S-1 has been signed by the following person in the capacities and on the date indicated.

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>By: /s/ Stéphane Bancel</td>
<td>Chief Executive Officer and Director (Principal Executive Officer)</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Lorence Kim, M.D.</td>
<td>Chief Financial Officer (Principal Financial Officer)</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Jennifer Lee</td>
<td>Chief Accounting Officer (Principal Accounting Officer)</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Noubar B. Afeyan, Ph.D.</td>
<td>Chairman and Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Stephen Berenson</td>
<td>Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Peter Barton Hutt, LL.M.</td>
<td>Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Robert Langer, Sc.D.</td>
<td>Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Elizabeth Nabel, M.D.</td>
<td>Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Israel Ruiz</td>
<td>Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Paul Sagan</td>
<td>Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>By: * Moncef Slaoui, Ph.D.</td>
<td>Director</td>
<td>December 6, 2018</td>
</tr>
<tr>
<td>*By: /s/ Stéphane Bancel</td>
<td>Attorney-in-Fact</td>
<td>December 6, 2018</td>
</tr>
</tbody>
</table>
Dear Moderna, Inc.

200 Technology Square
Cambridge, MA 02139

Re: Securities Registered under Registration Statement on Form S-1

Ladies and Gentlemen:

We have acted as counsel to you in connection with your filing of (i) a Registration Statement on Form S-1 (File No. 333-228300) (as amended or supplemented, the “Initial Registration Statement”) pursuant to the Securities Act of 1933, as amended (the “Securities Act”) and (ii) a second Registration Statement on Form S-1 filed pursuant to Rule 462(b) promulgated under the Securities Act (the “462(b) Registration Statement” and, together with the Initial Registration Statement, the “Registration Statement”). This opinion letter is furnished to you in connection with your filing of the 462(b) Registration Statement, relating to the registration of the offering by Moderna, Inc., a Delaware corporation (the “Company”), of up to 5,217,391 shares (the “Shares”) of the Company’s Common Stock, $0.0001 par value per share, including Shares purchasable by the underwriters upon their exercise of an over-allotment option granted to the underwriters by the Company. The Shares are being sold to the several underwriters named in, and pursuant to, an underwriting agreement among the Company and such underwriters (the “Underwriting Agreement”).

We have reviewed such documents and made such examination of law as we have deemed appropriate to give the opinions set forth below. We have relied, without independent verification, on certificates of public officials and, as to matters of fact material to the opinions set forth below, on certificates of officers of the Company.

The opinion set forth below is limited to the Delaware General Corporation Law.

Based on the foregoing, we are of the opinion that the Shares have been duly authorized and, upon issuance and delivery against payment therefor in accordance with the terms of the Underwriting Agreement, the Shares will be validly issued, fully paid and non-assessable.
We hereby consent to the inclusion of this opinion as Exhibit 5.1 to the 462(b) Registration Statement and to the references to our firm under the caption "Legal Matters" in the Initial Registration Statement. In giving our consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Very truly yours,

/S/ GOODWIN PROCTER LLP

GOODWIN PROCTER LLP
Exhibit 23.1

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement on Form S-1 filed pursuant to Rule 462(b) of the Securities Act of 1933 of the reference to our firm under the caption “Experts” and to the incorporation by reference of our report dated August 30, 2018 (except for Note 15(h), as to which the date is November 28, 2018), with respect to the consolidated financial statements of Moderna, Inc. included in Amendment No. 2 to the Registration Statement (Form S-1 No. 333-228300) and related Prospectus of Moderna, Inc. for the registration of its common stock.

/s/ Ernst & Young LLP

Boston, Massachusetts
December 6, 2018