

UNITED THERAPEUTICS CORPORATION
 1735 CONNECTICUT AVENUE, NW
 WASHINGTON, DC 20009

VOTE BY INTERNET

Before The Meeting - Go to www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information. Vote by 11:59 p.m. Eastern Time on June 25, 2020 for shares held directly and by 11:59 p.m. Eastern Time on June 23, 2020 for shares held in a Plan. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

During The Meeting - Go to www.virtualshareholdermeeting.com/UTHR2020

You may attend the meeting via the Internet and vote during the meeting. Have the information that is printed in the box marked by the arrow available and follow the instructions.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions. Vote by 11:59 p.m. Eastern Time on June 25, 2020 for shares held directly and by 11:59 p.m. Eastern Time on June 23, 2020 for shares held in a Plan. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

D13865-P39922

KEEP THIS PORTION FOR YOUR RECORDS
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

UNITED THERAPEUTICS CORPORATION

The Board of Directors recommends you vote FOR each of the following nominees:

1. Election of Directors

Nominees:

For Against Abstain

- | | | | |
|----------------------------|--------------------------|--------------------------|--------------------------|
| 1a. Raymond Dwek | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1b. Christopher Patuskusky | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1c. Tommy Thompson | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

For Against Abstain

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 5. Ratification of the appointment of Ernst & Young LLP as our independent registered public accounting firm for 2020 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|

The Board of Directors recommends you vote FOR proposals 2, 3, 4 and 5.

For Against Abstain

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 2. Approval of an amendment to our Amended and Restated Certificate of Incorporation to declassify our Board of Directors and provide for the annual election of our directors | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Advisory resolution to approve executive compensation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Approval of the amendment and restatement of the United Therapeutics Corporation Amended and Restated 2015 Stock Incentive Plan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: Such other business as may properly come before the meeting or any adjournment thereof.

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer.

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Signature [PLEASE SIGN WITHIN BOX]

Date

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Signature (Joint Owners)

Date

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting:
The Proxy Statement and Annual Report on Form 10-K are available at www.proxyvote.com.

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UNITED THERAPEUTICS CORPORATION
Annual Meeting of Shareholders
June 26, 2020 at 10:15 AM Eastern Daylight Time
Via the Internet at www.virtualshareholdermeeting.com/UTHR2020
This proxy is solicited by the Board of Directors

The shareholder(s) hereby appoint(s) Marty Rothblatt and Paul Mahon, or either of them, as proxies, each with the power to appoint his or her substitute, and hereby authorize(s) them to represent and to vote, as designated on the reverse side of this ballot, all of the shares of Common Stock of UNITED THERAPEUTICS CORPORATION that the shareholder(s) is/are entitled to vote at the Annual Meeting of Shareholders to be held at 10:15 AM, EDT on June 26, 2020, virtually via the Internet at www.virtualshareholdermeeting.com/UTHR2020, and any adjournment or postponement thereof.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations. The proxies are authorized to vote in their discretion upon any other matters that may properly come before the meeting and all adjournments or postponements thereof.

Continued and to be signed on reverse side