

MERUS N.V.
 YALELAAN 62
 3584 CM UTRECHT
 THE NETHERLANDS



**SCAN TO
 VIEW MATERIALS & VOTE**



VOTE BY INTERNET

Before The Meeting - Go to www.proxyvote.com or scan the QR Barcode above

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 4:59 p.m. Central European Summer Time on May 27, 2022. 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/MRUS2022

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 up until 4:59 p.m. Central European Summer Time on May 27, 2022. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY EMAIL

Mark, sign and date your proxy card and return it via email to A.Noordzij@merus.nl by 4:59 p.m. Central European Summer Time on May 27, 2022.

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:

D82156-P72360

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

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

MERUS N.V.

The Board of Directors recommends you vote FOR the following proposals 1, 2, 3, 4, 5, 6, and 7, and recommends you vote '1 YEAR' for proposal 8:

- | | For | Against | Abstain |
|--|--------------------------|--------------------------|--------------------------|
| 1. Adoption of Merus N.V.'s Dutch statutory annual accounts in the English language for the financial year 2021. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Appointment of KPMG Accountants N.V. as Merus N.V.'s external auditor for the financial year 2022 for purposes of Dutch law. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Release of each member of Merus N.V.'s board of directors from liability for the exercise of their duties. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Re-appointment of Len Kanavy as non-executive director. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Granting authorization to Merus N.V.'s board of directors to acquire shares (or depository receipts for such shares) in Merus N.V.'s capital. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Approval of the amendment of the Non-Executive Director Compensation Program ("NED Program") to (i) increase the value of option awards granted under the NED Program to more closely align with the 50th percentile of Merus N.V.'s U.S. peer group, and (ii) increase the amount by which the grant date fair value of option awards granted under the NED Program increases annually from 3% to up to 5%. The number of shares subject to such awards will continue to be determined in accordance with the NED Program. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- | | For | Against | Abstain |
|--|--------------------------|--------------------------|--------------------------|
| 7. Approval, on an advisory (non-binding) basis, of the compensation of Merus N.V.'s named executive officers. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Approval, on an advisory (non-binding) basis, of the frequency of future advisory votes on the compensation of Merus N.V.'s named executive officers. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: Such other business as may properly come before the meeting or any adjournment thereof shall be voted in accordance with the discretion of the attorneys and proxies appointed hereby.

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 General Meeting:
The Notice and Proxy Statement and Annual Report on Form 10-K are available at www.proxyvote.com.

D82157-P72360

**PROXY
ANNUAL GENERAL MEETING OF SHAREHOLDERS
MAY 31, 2022**

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS OF MERUS N.V.

The undersigned hereby appoints each member of Merus N.V.'s board of directors as well as Paul van der Bijl, civil law notary, and Sanne Mesu, deputy civil law notary, working with NautaDutilh N.V., Merus N.V.'s Dutch legal counsel, and each of them, with power to act without the other and with power of substitution, as proxies and attorneys-in-fact and hereby authorizes them to represent and vote, as provided on the other side, all the shares of Merus N.V. which the undersigned is entitled to vote at the Annual General Meeting of Shareholders of Merus N.V. to be held, which in view of the COVID-19 pandemic caused by the novel coronavirus and in order to protect the health and safety of our shareholders, our directors and others involved in the meeting, will be a completely virtual meeting which will be conducted via live webcast (www.virtualshareholdermeeting.com/MRUS2022) on Tuesday, May 31, 2022 at 15:00 (3:00 p.m.) Central European Summer Time or any adjournment thereof, with all powers which the undersigned would possess if present at the Annual General Meeting of Shareholders.

Such proxies are authorized to vote in their discretion (x) for the election of any person to the Board of Directors if any nominee named herein becomes unable to serve or for good cause will not serve, and (y) on any matter that the Board of Directors did not know would be presented at the Annual General Meeting of Shareholders by a reasonable time before the proxy solicitation was made.

THIS PROXY, WHEN PROPERLY EXECUTED, WILL BE VOTED IN THE MANNER DIRECTED HEREIN BY THE UNDERSIGNED. IF NO SUCH DIRECTIONS ARE MADE BUT THE CARD IS SIGNED, THIS PROXY WILL BE VOTED "FOR" PROPOSALS 1, 2, 3, 4, 5, 6 AND 7, AND WILL BE VOTED "1 YEAR" FOR PROPOSAL 8, AND IN THE DISCRETION OF THE PROXIES WITH RESPECT TO SUCH OTHER BUSINESS AS MAY PROPERLY COME BEFORE THE MEETING.

PLEASE MARK, SIGN, DATE AND RETURN THIS PROXY CARD PROMPTLY USING THE ENCLOSED REPLY ENVELOPE