

▼ IF YOU HAVE NOT VOTED VIA THE INTERNET OR TELEPHONE, FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE. ▼

Proxy — uniQure N.V.

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2017 EXTRAORDINARY GENERAL MEETING OF SHAREHOLDERS

Proxy and Power of Attorney of Shareholders

The undersigned shareholder of uniQure N.V. (the "Company") hereby constitutes and appoints each of Philip Astley-Sparke and Matthew Kapusta as the attorney and proxy of the undersigned, with full power of substitution and revocation, to vote for and in the name, place and stead of the undersigned at the Extraordinary General Meeting of Shareholders of the Company to be held at Paasheuvelweg 25a, 1105 BP Amsterdam, the Netherlands, at 9:30 a.m. CEST on Thursday, 14 September 2017 and at any adjournments thereof, the number of votes the undersigned would be entitled to cast if present.

WHEN PROPERLY EXECUTED, ALL SHARES HELD BY THE UNDERSIGNED SHAREHOLDER WILL BE VOTED IN THE MANNER DIRECTED HEREIN BY THE UNDERSIGNED SHAREHOLDER (UNLESS OTHERWISE INDICATED). IF NO DIRECTION IS MADE, ALL SHARES HELD BY THE UNDERSIGNED SHAREHOLDER WILL BE VOTED FOR EACH OF THE PROPOSALS.

(Items to be voted appear on reverse side.)

B Non-Voting Items

Change of Address — Please print new address below.

C Authorized Signatures — This section must be completed for your vote to be counted. — Date and Sign Below

Please sign exactly as name(s) appears hereon. Joint owners should each sign. When signing as attorney, executor, administrator, corporate officer, trustee, guardian, or custodian, please give full title.

Date (mm/dd/yyyy) — Please print date below.

Signature 1 — Please keep signature within the box.

Signature 2 — Please keep signature within the box.

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IF VOTING BY MAIL, YOU **MUST** COMPLETE SECTIONS A - C ON BOTH SIDES OF THIS CARD.

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