

The Annual General Meeting of Bicycle Therapeutics plc will be held at **Building 900 Babraham Research Campus, Babraham, Cambridge, CB22 3AT, United Kingdom** on **June 27, 2022** at **12:00 p.m. (midday) London Time (7:00 a.m. Eastern Daylight Time)**.

Shareholder Reference Number

Please detach this portion before posting this proxy form.

## Form of Proxy - Annual General Meeting to be held on June 27, 2022



Cast your Proxy online...It's fast, easy and secure!

[www.investorcentre.co.uk/eproxy](http://www.investorcentre.co.uk/eproxy)

You will be asked to enter the Control Number, Shareholder Reference Number (SRN) and PIN shown opposite and agree to certain terms and conditions.

Control Number: 917815

SRN:

PIN:



View the Annual Report online: <https://investors.bicycletherapeutics.com>

Register at [www.investorcentre.co.uk](http://www.investorcentre.co.uk) - elect electronic communications & manage your shareholding online!

**To be effective, all proxy appointments must be lodged with the Company's registrars at Computershare Investor Services PLC, The Pavilions, Bridgwater Road, Bristol BS99 6ZY by June 23, 2022 at 12:00 p.m. (midday) London Time (7:00 a.m. Eastern Daylight Time).**

### Explanatory Notes:

- Every holder has the right to appoint some other person(s) of their choice, who need not be a shareholder, as his proxy to exercise all or any of his rights, to attend, speak and vote on his behalf at the meeting. If you wish to appoint a person other than the Chairman of the meeting, please insert the name of your chosen proxy holder in the space provided (see reverse). If the proxy is being appointed in relation to less than your full voting entitlement, please enter in the box next to the proxy holder's name (see reverse) the number of shares in relation to which they are authorized to act as your proxy. If returned without an indication as to how the proxy shall vote on any particular matter, the proxy will exercise his discretion as to whether, and if so how, he votes (or if this proxy form has been issued with respect to a designated account for a shareholder, the proxy will exercise his discretion as to whether, and if so how, he votes).
- To appoint more than one proxy, an additional proxy form(s) may be obtained by contacting the Registrar's helpline at 0370 703 0031 or you may photocopy this form. Please indicate in the box next to the proxy holder's name (see reverse) the number of shares with respect to which they are authorized to act as your proxy. Please also indicate by marking the box provided if the proxy instruction is one of multiple instructions being given. All forms must be signed and should be returned together in the same envelope.
- The 'Vote Withheld' option is provided to enable you to abstain on any particular resolution. However, it should be noted that a 'Vote Withheld' is not a vote in law and will not be counted in the calculation of the proportion of the votes 'For' and 'Against' a resolution.
- Pursuant to Regulation 41 of the Uncertificated Securities Regulations 2001, entitlement to attend and vote at the meeting and the number of votes which may be cast thereat will be determined by reference to the Register of Members of the Company at 6:00 p.m. London time (1:00 p.m. Eastern Daylight Time) on June 23, 2022. Changes to entries on the Register of Members after that time shall be disregarded in determining the rights of any person to attend and vote at the meeting.
- To appoint one or more proxies or to give an instruction to a proxy (whether previously appointed or otherwise) via a designated voting platform, any such messages must be received by the issuer's agent prior to the specified deadline within the relevant system. For this purpose, the time of receipt will be taken to be the time (as determined by the timestamp generated by the relevant designated voting platform) from which the issuer's agent is able to retrieve the message. The Company may treat as invalid a proxy appointment sent via a designated voting platform in the circumstances set out in Regulation 35(5)(a) of the Uncertificated Securities Regulations 2001.
- The above is how your address appears on the Register of Members. If this information is incorrect please call the Registrar's helpline on 0370 703 0031 to request a change of address form or go to [www.investorcentre.co.uk](http://www.investorcentre.co.uk) to use the online Investor Centre service.
- Any alterations made to this form should be initialled.
- The completion and return of this form will not preclude a member from attending the meeting and voting in person.

**Kindly Note:** This form is issued only to the addressee(s) and is specific to the unique designated account printed hereon. This personalised form is not transferable between different: (i) account holders; or (ii) uniquely designated accounts. The Company and Computershare Investor Services PLC accept no liability for any instruction that does not comply with these conditions.

#### All Named Holders

Poll Card To be completed **only** at the AGM.

Ordinary Resolutions

|   | For                      | Against                  | Vote Withheld            |
|---|--------------------------|--------------------------|--------------------------|
| 1. To re-elect Pierre Legault as a director.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. To re-elect Richard Kender as a director.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. To approve, on advisory basis, the compensation of our named executive officers.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. To indicate, on an advisory basis, the preferred frequency of shareholder advisory votes on executive compensation.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. To approve the amendment of the 2020 Equity Incentive Plan to increase the number of shares available for issuance under the plan.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. To ratify the appointment of PricewaterhouseCoopers LLP, a limited liability partnership organized under the laws of England, as our U.S. independent registered public accounting firm for the year ending December 31, 2022. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Signature

In the case of a Corporation, a letter of representation will be required (in accordance with S323 of the Companies Act 2006) unless this has already been lodged at registration.

Form of Proxy

Please complete this box only if you wish to appoint a third party proxy other than the Chairman of the Meeting. Please leave this box blank if you want to select the Chairman of the Meeting. Do not insert your own name(s).

I/We hereby appoint the Chairman of the Meeting OR the person indicated in the box above as my/our proxy to attend, speak and vote in respect of my/our full voting entitlement\* on my/our behalf at the Annual General Meeting of Bicycle Therapeutics plc to be held at **Building 900 Babraham Research Campus, Babraham, Cambridge, CB22 3AT** on **June 27, 2022 at 12:00 p.m. (midday)** and at any adjourned meeting.

\* For the appointment of more than one proxy, please refer to Explanatory Note 2 (see front).

☐ Please mark here to indicate that this proxy appointment is one of multiple appointments being made.

Please use a **black** pen. Mark with an **X** inside the box as shown in this example.

Ordinary Resolutions

|   | For                      | Against                  | Vote Withheld            |
|---|--------------------------|--------------------------|--------------------------|
| 1. To re-elect Pierre Legault as a director.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. To re-elect Richard Kender as a director.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. To approve, on advisory basis, the compensation of our named executive officers.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. To indicate, on an advisory basis, the preferred frequency of shareholder advisory votes on executive compensation.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. To approve the amendment of the 2020 Equity Incentive Plan to increase the number of shares available for issuance under the plan.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. To ratify the appointment of PricewaterhouseCoopers LLP, a limited liability partnership organized under the laws of England, as our U.S. independent registered public accounting firm for the year ending December 31, 2022. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|   | For                      | Against                  | Vote Withheld            |
|---|--------------------------|--------------------------|--------------------------|
| 7. To re-appoint PricewaterhouseCoopers LLP, a limited liability partnership organized under the laws of England, as our U.K. statutory auditors, to hold office until the conclusion of the next annual general meeting of shareholders. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. To authorize the Audit Committee to determine our U.K. statutory auditors' remuneration for the year ending December 31, 2022.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. To receive and adopt our U.K. statutory annual accounts and reports for the year ended December 31, 2021.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. To approve the directors' remuneration report for the year ended December 31, 2021 which is set forth in Annex A to this proxy statement.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Intention to Attend

Please indicate if you intend to attend the AGM ☐

I/We instruct my/our proxy as indicated on this form. Unless otherwise instructed the proxy may vote as he or she sees fit or abstain in relation to any business of the meeting.

Signature

Date

DD / MM / YY

In the case of a corporation, this proxy must be given under its common seal or be signed on its behalf by an attorney or officer duly authorised, stating their capacity (e.g. director, secretary).