

ANNUAL MEETING OF ATHENEX, INC.

Date: JUNE 5, 2020
Time: 9:30 AM EDT
Virtual Meeting
Access: Register by 5:00 PM EDT on June 3 at www.proxydocs.com/ATNX.

Please make your marks like this: Use dark black pencil or pen only

The Board of Directors Recommends a Vote **FOR** all of the director nominees listed in Proposal One, **FOR** Proposals Two, Four and Five, and **ONE YEAR** on Proposal Three.

Proposal One — To elect the Class III nominees named in the Proxy Statement as directors for a three-year term expiring in 2023 and until their successors have been duly elected and qualified

	For	Withhold	
01 Johnson Y.N. Lau, M.D.	<input type="checkbox"/>	<input type="checkbox"/>	For
02 Jordan Kanfer	<input type="checkbox"/>	<input type="checkbox"/>	For
03 John Tiong Lu Koh	<input type="checkbox"/>	<input type="checkbox"/>	For

Proposal Two — To approve, on an advisory basis, the compensation paid to our named executive officers, as disclosed in the accompanying Proxy Statement

For	Against	Abstain	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For

Proposal Three — To select, on an advisory basis, the frequency of future advisory votes on the compensation of our named executive officers

One Year	Two Years	Three Years	Abstain	One Year
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	One Year

Proposal Four — To approve the Amended and Restated 2017 Omnibus Incentive Plan

For	Against	Abstain	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For

Proposal Five — To ratify the appointment of Deloitte & Touche LLP as our Company's independent registered public accounting firm for the fiscal year ending December 31, 2020

For	Against	Abstain	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	For

To ATTEND the Annual Meeting of Athenex, Inc., please visit www.proxydocs.com/ATNX for virtual meeting registration details.

Authorized Signatures - This section must be completed for your instructions to be executed.

Please Sign Here Please Date Above

Please Sign Here Please Date Above

Please sign exactly as your name(s) appears on your stock certificate. If held in joint tenancy, all persons should sign. Trustees, administrators, etc., should include title and authority. Corporations should provide full name of corporation and title of authorized officer signing the proxy.

**Annual Meeting of Athenex, Inc.
to be held on Friday, June 5, 2020
for Holders as of April 8, 2020**

This proxy is being solicited on behalf of the Board of Directors



INTERNET

VOTE BY:



TELEPHONE

Go To www.proxypush.com/ATNX
 • Cast your vote online.
 • View Meeting Documents.

OR



MAIL

OR

- Mark, sign and date your Proxy Card/Voting Instruction Form.
- Detach your Proxy Card/Voting Instruction Form.
- Return your Proxy Card/Voting Instruction Form in the postage-paid envelope provided.

- Use any touch-tone telephone.
- Have your Proxy Card/Voting Instruction Form ready.
- Follow the simple recorded instructions.

866-217-7048

Please separate carefully at the perforation and return just this portion in the envelope provided.

Directors
Recommend
↓

The undersigned hereby appoints Johnson Y.N. Lau, M.D., and Teresa Bair as the true and lawful attorneys of the undersigned, each with full power of substitution and revocation, and authorizes him or her to vote all the shares of capital stock of Athenex, Inc. which the undersigned is entitled to vote at said meeting and any adjournment thereof upon the matters specified and upon such other matters as may be properly brought before the meeting or any adjournment thereof, conferring authority upon each such true and lawful attorney to vote in his or her discretion on such other matters as may properly come before the meeting and revoking any proxy heretofore given.

THE SHARES REPRESENTED BY THIS PROXY WILL BE VOTED AS DIRECTED OR, IF NO DIRECTION IS GIVEN, SHARES WILL BE VOTED "FOR" THE ELECTION OF THE DIRECTOR NOMINEES LISTED IN PROPOSAL ONE, "FOR" PROPOSALS 2, 4 AND 5, AND "ONE YEAR" ON PROPOSAL THREE. ALL VOTES MUST BE RECEIVED BY 11:59 PM EDT ON JUNE 4, 2020.

**PROXY TABULATOR FOR
ATHENEX, INC.
P.O. BOX 8016
CARY, NC 27512-9903**



Proxy — Athenex, Inc.
Annual Meeting of Stockholders
June 5, 2020, 9:30 AM EDT
This Proxy is Solicited on Behalf of the Board of Directors

The undersigned stockholder of Athenex, Inc. acknowledges receipt of the Notice of Annual Meeting of Stockholders and Proxy Statement, each dated April 15, 2020. The undersigned stockholder appoints Johnson Y.N. Lau, M.D., and Teresa Bair (the “Named Proxies”) as proxies for the undersigned, each with full power to act without the other and with full power of substitution, to vote the shares of common stock of Athenex, Inc., a Delaware corporation, at the Annual Meeting of Stockholders of Athenex, Inc. to be held via virtual meeting on Friday, June 5, 2020, at 9:30 AM EDT and all postponement or adjournments thereof.

THIS PROXY IS REVOCABLE. THE SHARES REPRESENTED BY THIS PROXY WILL BE VOTED AS DIRECTED OR, IF NO DIRECTION IS GIVEN, SHARES WILL BE VOTED “FOR” THE ELECTION OF THE DIRECTOR NOMINEES LISTED IN PROPOSAL ONE, “FOR” PROPOSALS 2, 4 AND 5, AND “ONE YEAR” ON PROPOSAL THREE. ALL VOTES MUST BE RECEIVED BY 11:59 PM EDT ON JUNE 4, 2020.

You are encouraged to specify your choice by marking the appropriate box (SEE REVERSE SIDE). The Named Proxies cannot vote your shares unless you sign and return this card.

↑ Please separate carefully at the perforation and return just this portion in the envelope provided. ↓