UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

⊠ Filed by the Registrant

□ Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

□ Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))

□ Definitive Proxy Statement

Definitive Additional Materials

□ Soliciting Material under §240.14a-12

WINDTREE THERAPEUTICS, INC.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check all boxes that apply):

⊠ No fee required

□ Fee paid previously with preliminary materials

Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11

YOUR VOTE IS IMPORTANT. PLEASE VOTE TODAY. Vote by Internet or Telephone – QUICK *** EASY		
IMMEDIATE – 24 Hours a Day, 3 WINDTREE THERAPEUTICS, INC.		Your phone or Internet vote authorizes the named proxies to vote your shares in the same manner as if you marked, signed and returned your proxy card. Votes submitted electronically over the Internet or by telephone must be received by 11:59 p.m., Eastern Time, on August 14, 2023.
		INTERNET/MOBILE – www.cstproxyvote.com Use the Internet to vote your proxy. Have your proxy card available when you access the above website. Follow the prompts to vote your shares.
		VOTE AT THE MEETING – If you plan to attend the virtual online annual meeting, you will need your 12 digit control number to vote electronically at the annual meeting. To attend; https://www.cstproxy.com/windtreetx/2023
PLEASE DO NOT RETURN THI IF YOU ARE VOTING ELECT OR BY PHONE.	RONICALLY	 PHONE – 1 (866) 894-0536 Use a touch-tone telephone to vote your proxy. Have your proxy card available when you call. Follow the voting instructions to vote your shares. MAIL – Mark, sign and date your proxy card and return it in the postage-paid envelope provided.
▲ FOLD HERE • DO NOT SEPARATE • INSERT IN ENVELOPE PROVIDED ▲ PROXY THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" PROPOSALS 1, 2, 3 AND 4.		
 Election of Directors Craig E. Fraser Daniel Geffken Robert Scott, M.D. Mark Strobeck, Ph.D. Leslie J. Williams 		B. Ratification of EisnerAmper LLP as the company's independent registered public accounting firm for 2023. Approval of the Amended and Restated Windtree Therapeutics 2020 Equity Incentive Plan.
 Approval, on an advisory basis, of the compensation of the company's named executive officers. 	FOR AGAINST ABSTAIN	
Signature	Signature if held jointly	v Date 2023

 Signature
 Signature, if held jointly
 Date
 , 2023

 Note: Please sign exactly as name appears hereon. When shares are held by joint owners, both should sign. When signing as attorney, executor, administrator, trustee, guardian, or corporate officer, please give title as such.
 Date
 , 2023

Important Notice Regarding the Internet Availability of Proxy Materials for the Annual Meeting of Stockholders

The 2023 Proxy Statement and the 2023 Annual Report to Stockholders are available at: https://www.cstproxy.com/windtreetx/2023

▲ FOLD HERE • DO NOT SEPARATE • INSERT IN ENVELOPE PROVIDED ▲

PROXY

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

WINDTREE THERAPEUTICS, INC.

The undersigned appoints Craig E. Fraser and John Tattory, and each of them, as proxies, each with the power to appoint his substitute, and authorizes each of them to represent and to vote, as designated on the reverse hereof, all of the shares of common stock of Windtree Therapeutics, Inc. held of record by the undersigned at the close of business on June 26, 2023 at the Annual Meeting of Stockholders of Windtree Therapeutics, Inc. to be held on August 15, 2023, or at any adjournment thereof.

THIS PROXY WHEN PROPERLY EXECUTED WILL BE VOTED AS INDICATED. IF NO CONTRARY INDICATION IS MADE, THE PROXY WILL BE VOTED IN FAVOR OF ELECTING THE FIVE NOMINEES TO THE BOARD OF DIRECTORS, AND IN FAVOR OF PROPOSAL 2, PROPOSAL 3, PROPOSAL 4, AND IN ACCORDANCE WITH THE JUDGMENT OF THE PERSONS NAMED AS PROXY HEREIN ON ANY OTHER MATTERS THAT MAY PROPERLY COME BEFORE THE ANNUAL MEETING. THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS.

(Continued and to be marked, dated and signed, on the other side)