

SINTX Technologies, Inc.
1885 West 2100 South
Salt Lake City, Utah 84119

January 29, 2024

VIA EDGAR

United States Securities and Exchange Commission
Division of Corporation Finance
100 F. Street, N.E.
Washington, D.C. 20549
Attention: Ben Ritchie

Re: SINTX Technologies, Inc. – Registration Statement on Form S-1 (File No. 333-275137)

Ladies and Gentlemen:

In accordance with Rule 461 under the Securities Act of 1933, as amended, we hereby request acceleration of the effective date of the Registration Statement on Form S-1 (File No. 333-275137), as amended (the “Registration Statement”) of SINTX Technologies, Inc. We respectfully request that the Registration Statement become effective as of 9:00 a.m., Eastern Time, on January 31, 2024, or as soon thereafter as is reasonably practicable. Once the Registration Statement has been declared effective, please confirm orally that event with our counsel, Dorsey & Whitney LLP, by calling David Marx at (801) 933-7363.

Very truly yours,

SINTX Technologies, Inc.

By: /s/ B. Sonny Bal

Name: B. Sonny Bal, M.D.

Title: Chief Executive Officer
