

CYCLERION THERAPEUTICS, INC.  
245 First Street, 18th Floor  
Cambridge, MA 02142

June 21, 2021

**By EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Chris Edwards

Re: Cyclerion Therapeutics, Inc. (the "Company")  
Registration Statement on Form S-3  
File No. 333-257145

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, the Company hereby requests acceleration of the effective date of the above referenced Registration Statement to 4:00 p.m., Eastern time, on June 23, 2021, or as soon thereafter as practicable, or at such other time as the Company or its outside counsel, Hughes Hubbard & Reed LLP, request by telephone that such Registration Statement be declared effective.

Please contact Gary J. Simon, of Hughes Hubbard & Reed LLP, special counsel to the Company, at (212) 837-6770, as soon as the Registration Statement has been declared effective, or if you have any other questions or concerns regarding this matter.

Very truly yours,

CYCLERION THERAPEUTICS, INC.

By: /s/ Anjeza Gjino  
Name: Anjeza Gjino  
Title: Chief Financial Office

cc: Hughes Hubbard & Reed LLP

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