

**Metacrine, Inc.**  
**3985 Sorrento Valley Blvd., Suite C**  
**San Diego, CA 92121**  
**(858) 369-7800**

October 13, 2021

**VIA EDGAR**

United States Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549  
Attn: Dillon Hagius

**Re: Metacrine, Inc.**  
**Registration Statement on Form S-3**  
**File No. 333-260023**

**Acceleration Request**

**Requested Date: Friday, October 15, 2021**  
**Requested Time: 4:00 p.m. Eastern Time**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Metacrine, Inc. hereby requests that the Securities and Exchange Commission take appropriate action to cause the above-referenced Registration Statement on Form S-3 to become effective at 4:00 p.m. Eastern Time on Friday, October 15, 2021, or as soon thereafter as is practicable.

If you have any questions regarding this request, please contact Karen Deschaine of Cooley LLP at (858) 550-6088 or Carlos Ramirez of Cooley LLP at (858) 550-6157.

Sincerely,

**METACRINE, INC.**

By: */s/ Trisha Millican*

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Trisha Millican  
Chief Financial Officer