



Heat Biologics, Inc.
677 Davis Drive
Morrisville, North Carolina 27560

January 10, 2020

VIA EDGAR

U.S. Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, D.C. 20549
Attention: Mr. Paul Fischer

***Re: Heat Biologics, Inc.
Registration Statement on Form S-1
File No. 333-234105***

Dear Mr. Fischer:

Heat Biologics, Inc. (the “Company”) hereby requests that the effective date of the Company’s Registration Statement on Form S-1, as amended (File No. 333-234105), be accelerated by the U.S. Securities and Exchange Commission to **Monday, January 13, 2020 at 5:00 pm, Eastern Time**, or as soon as reasonably practicable thereafter.

The Company hereby authorizes its legal counsel, Leslie Marlow and Patrick Egan of Gracin & Marlow, LLP, to modify or withdraw (orally or in writing) this request for acceleration. Please contact Ms. Marlow at (516) 496-2223 or (212) 907-6457 or Mr. Egan at (914) 557-5574 with any questions you may have concerning this request, and please notify either of them when this request for acceleration has been granted.

Very truly yours,

Heat Biologics, Inc.

By: /s/ Jeffrey Wolf

Name: Jeffrey Wolf

Title: Chief Executive Officer

cc: Leslie Marlow, Gracin & Marlow, LLP
Patrick Egan, Gracin & Marlow, LLP