



Heat Biologics, Inc.  
801 Capitola Drive, Suite 12  
Durham, North Carolina 27713

October 18, 2017

**VIA EDGAR**

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

**Re:   Heat Biologics, Inc.**  
**Registration Statement on Form S-1**  
**File No. 333-220470**

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Dear Mr. Edwards:

Heat Biologics, Inc. (the “Company”) hereby requests that the effective date of the Company’s Registration Statement on Form S-1 (File No. 333-220470) be accelerated by the U.S. Securities and Exchange Commission to **4:00 pm**, New York City Time, on **October 19, 2017**, or as soon as reasonably practicable thereafter.

The Company hereby authorizes Leslie Marlow and Patrick Egan of Gracin & Marlow, LLP to orally modify or withdraw 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