

Biocept, Inc.  
5810 Nancy Ridge Drive  
San Diego, CA 92121  
(858) 320-8200

October 11, 2016

VIA EDGAR

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

**Re: Biocept, Inc.  
Registration Statement on Form S-1  
File No. 333-213111**

Ladies and Gentlemen:

Pursuant to Rules 460 and 461 under the Securities Act of 1933, as amended, Biocept, Inc. (the “**Registrant**”) hereby requests that the Securities and Exchange Commission (the “**Commission**”) take appropriate action to cause the above-referenced Registration Statement on Form S-1 to become effective at 5:00 p.m. Eastern Time on Thursday, October 13, 2016, or as soon thereafter as is practicable. The Registrant also hereby requests a copy of the written order verifying the effective date.

In connection with this request, the Registrant hereby acknowledges that:

- should the Commission or the staff of the Commission (the “**Staff**”), acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the Staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the Registrant from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the Registrant may not assert Staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Sincerely,

**BIOCEPT, INC.**

By: /s/ Timothy Kennedy  
Timothy Kennedy  
Chief Financial Officer