OP \$165.00 90295385

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM722337

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|-------------------|
| NATURE OF CONVEYANCE: | SECURITY INTEREST |

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|----------------------------|----------|----------------|-----------------------|
| BIOXCEL THERAPEUTICS, INC. | | 04/19/2022 | Corporation: DELAWARE |

RECEIVING PARTY DATA

| Name: | Oaktree Fund Administration, LLC |
|-----------------|-------------------------------------|
| Street Address: | 333 S. Grand Avenue, 28th Fl. |
| City: | Los Angeles |
| State/Country: | CALIFORNIA |
| Postal Code: | 90071 |
| Entity Type: | Limited Liability Company: DELAWARE |

PROPERTY NUMBERS Total: 6

| Property Type | Number | Word Mark |
|----------------|----------|-----------|
| Serial Number: | 90295385 | ALMIQI |
| Serial Number: | 90295383 | IGALMI |
| Serial Number: | 97021170 | OMFILTO |
| Serial Number: | 97021169 | RELFINBI |
| Serial Number: | 97021171 | ZELTIGNA |
| Serial Number: | 90321408 | |

CORRESPONDENCE DATA

Fax Number: 2029567069

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2029567685

Email: carrierr@sullcrom.com, nguyenb@sullcrom.com

Correspondent Name: Rita M. Carrier

Address Line 1: 1700 New York Avenue, N.W., Suite 700

Address Line 2: Sullivan & Cromwell LLP

Address Line 4: Washington, D.C. 20006-5215

| NAME OF SUBMITTER: | RITA M. CARRIER |
|--------------------|-------------------|
| SIGNATURE: | /RITA M. CARRIER/ |
| DATE SIGNED: | 04/19/2022 |

Total Attachments: 5

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TRADEMARK SECURITY AGREEMENT

This TRADEMARK SECURITY AGREEMENT, dated as of April 19, 2022 ("Trademark Security Agreement"), made by BioXcel Therapeutics, Inc. (the "Grantor"), is in favor of Oaktree Fund Administration, LLC, as administrative agent for the Secured Parties (in such capacity, together with its successors and assigns, the "Administrative Agent").

WITNESSETH:

WHEREAS, the Grantor is party to a Security Agreement, dated as April 19, 2022 (the "Security Agreement") in favor of the Administrative Agent, pursuant to which the Grantor is required to execute and deliver this Trademark Security Agreement (capitalized terms used but not otherwise defined herein shall have the meanings given to them in the Security Agreement);

WHEREAS, pursuant to the terms of the Security Agreement, the Grantor has created in favor of the Administrative Agent a security interest in, and the Administrative Agent has become a secured creditor with respect to, the Trademark Collateral (as defined below);

NOW, THEREFORE, in consideration of the premises and to induce the Administrative Agent to enter into the RIFA and extend credit to the Grantor thereunder, the Grantor hereby grants to the Administrative Agent, for itself and on behalf of and for the ratable benefit of the other Secured Parties a security interest in all of the following property now owned or at any time hereafter acquired by the Grantor or in which the Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the "*Trademark Collateral*"), as collateral security for the complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of all Secured Obligations:

- (a) all registered and applied-for Trademarks of the Grantor listed on **Schedule 1** attached hereto; provided, that no Lien or security interest is granted hereunder with respect to any United States "intent-to-use" trademark or service mark application filed pursuant to Section 1(b) of the Lanham Act prior to filing of an "Amendment to Allege Use" or a "Statement of Use" pursuant to Section 1(c) and 1(d) of the Lanham Act, solely to the extent that, and only for so long as, the grant of a security interest therein would impair the validity or enforceability of, or render void or voidable or result in the cancellation of, any Grantor's right, title or interest therein;
- (b) to the extent not covered by **clause (a)**, all income, royalties and other payments now or hereafter due and payable with respect to any of the foregoing;
- (c) to the extent not covered by **clause (a)**, the goodwill of the businesses which the Trademarks included in the Trademark Collateral are associated with and symbolize; and
- (d) to the extent not covered by **clause** (a), all causes of action arising prior to or after the date hereof for infringement or other violation of any of the Trademarks included in the Trademark Collateral or unfair competition regarding the same, together with the right to seek and retain any past or future damages in connection therewith.

The security interest granted pursuant to this Trademark Security Agreement is granted in conjunction with the security interest granted to the Administrative Agent pursuant to the Security Agreement, and the Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the security interest in the Trademarks made and granted hereby are more fully set forth in the Security Agreement. In the event that any provision of this Trademark Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

The Grantor hereby authorizes and requests that the Commissioner of Trademarks record this Trademark Security Agreement.

THIS TRADEMARK SECURITY AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES UNDER THIS TRADEMARK SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

This Trademark Security Agreement may be executed by one or more of the parties to this Trademark Security Agreement on any number of separate counterparts, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. Delivery of an executed signature page of this Trademark Security Agreement by facsimile transmission or electronic transmission (in PDF format) shall be effective as delivery of a manually executed counterpart hereof.

[Remainder of This Page Intentionally Left Blank.]

IN WITNESS WHEREOF, the Grantor has caused this TRADEMARK SECURITY AGREEMENT to be executed and delivered by its duly authorized officer as of the date first above written.

BIOXCEL THERAPEUTICS, INC.

By: Vimal Melita

Name: Vimal Mehta

Title: Chief Executive Officer

Address: 555 Long Wharf Drive, 12th Floor

New Haven, CT

06511

A copy (which shall not constitute notice) shall also be sent to:

Cooley LLP 3 Embarcadero Center 20th Floor San Francisco, CA 94111-4004

Attn: Mischi a Marca

Email: gmamarca@cooley.com

ADMINISTRATIVE AGENT:

OAKTREE FUND ADMINISTRATION, LLC

By: Oaktree Capital Management, L.P.

Its: Managing Member

By: San Children

Name: Jessica Dombroff
Title: Vice President

By: kendall Bass

Name: Kendall Bass
Title: Vice President

[Signature Page to Trademark Security Agreement (RIFA)]

BioXcel Therapeutics, Inc. U.S. Trademark Filings Concerning BXCL 501

| MARK | COUNTRY | APPLICATION/ REGISTRATION NO. | GOODS/SERVICES |
|----------------------------|---------------|-------------------------------------|--|
| ALMIQI | United States | Application No. 90295385 | Class 05: Pharmaceuticals for the treatment of agitation; pharmaceuticals for the treatment of agitation associated with neuropsychiatric conditions, neurodegenerative diseases, alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, or other central nervous system disorders |
| IGALMI | United States | Application No. 90295383 | Class 05: Pharmaceuticals for the treatment of agitation, namely, an orally-dissolving formulation used for the treatment of agitation associated with alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, or other central nervous system disorders, namely, schizophrenia, bipolar disorder, dementia, and depression |
| OMFILTO | United States | Application No. 97021170 | Class 05: Pharmaceuticals for the treatment of central nervous system disorders; pharmaceuticals for the treatment of neurological and psychiatric disorders; pharmaceuticals for the treatment of agitation; pharmaceuticals for the treatment of agitation associated with neuropsychiatric conditions, neurodegenerative diseases, schizophrenia, bipolar disorder, denentia, delirium, alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, depression or any other central nervous system disorder; pharmaceuticals for the treatment of symptoms associated with alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, depression or other central nervous system disorders |
| RELFINBI | United States | Application No. 97021169 | Class 05: Pharmaceuticals for the treatment of central nervous system disorders; pharmaceuticals for the treatment of neurological and psychiatric disorders; pharmaceuticals for the treatment of agitation associated with neuropsychiatric conditions, neurodegenerative diseases, schizophrenia, bipolar disorder, dementia, delirium, alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, depression or any other central nervous system disorder; pharmaceuticals for the treatment of symptoms associated with alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, depression or other central nervous system disorders |
| ZELTIGNA | United States | Application No. 97021171 | Class 05: Pharmaceuticals for the treatment of central nervous system disorders; pharmaceuticals for the treatment of neurological and psychiatric disorders; pharmaceuticals for the treatment of agitation; pharmaceuticals for the treatment of agitation associated with neuropsychiatric conditions, neurodegenerative diseases, schizophrenia, bipolar disorder, dementia, delirium, alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, depression or any other central nervous system disorder; pharmaceuticals for the treatment of symptoms associated with alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, depression or other central nervous system disorders |
| Horizontal Figure 8 Design | United States | Application No. 90321408 | Class 05: Pharmaceuticals for the treatment of agitation; pharmaceuticals for the treatment of agitation associated with neuropsychiatric conditions, neurodegenerative diseases, alcohol withdrawal, opioid use disorder, opioid withdrawal, substance abuse withdrawal, or other central nervous system disorders |

TRADEMARK REEL: 007696 FRAME: 0482

RECORDED: 04/19/2022