

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM451432

|   |  |                       |   |
|---|--|-----------------------|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                 |                       |   |
| <b>NATURE OF CONVEYANCE:</b>  | SECURITY INTEREST                              |                       |   |
| <b>CONVEYING PARTY DATA</b>   |  |                       |   |
| <b>Name</b>   | <b>Formerly</b>                                | <b>Execution Date</b> | <b>Entity Type</b>                          |
| RECRO GAINESVILLE LLC   |  | 11/17/2017            | Limited Liability Company:<br>MASSACHUSETTS |
| <b>RECEIVING PARTY DATA</b>   |  |                       |   |
| <b>Name:</b>  | ATHYRIUM OPPORTUNITIES III ACQUISITION LP      |                       |   |
| <b>Street Address:</b>  | 530 Fifth Avenue, Floor 25                     |                       |   |
| <b>Internal Address:</b>  | C/O ATHYRIUM CAPITAL MANAGEMENT LP             |                       |   |
| <b>City:</b>  | New York                                       |                       |   |
| <b>State/Country:</b>   | NEW YORK                                       |                       |   |
| <b>Postal Code:</b>   | 10036  |                       |   |
| <b>Entity Type:</b>   | Limited Partnership: DELAWARE                  |                       |   |
| <b>PROPERTY NUMBERS Total: 7</b>  |  |                       |   |
| <b>Property Type</b>  | <b>Number</b>                                  | <b>Word Mark</b>      |   |
| <b>Registration Number:</b>   | 1551582  | VERELAN               |   |
| <b>Serial Number:</b>   | 86452063                                       | BEADTEK               |   |
| <b>Serial Number:</b>   | 86530165                                       | BEADTEK               |   |
| <b>Registration Number:</b>   | 2492925  | NANOCRYSTAL           |   |
| <b>Registration Number:</b>   | 2386089  | NANOCRYSTAL           |   |
| <b>Registration Number:</b>   | 2794607  | SODAS                 |   |
| <b>Registration Number:</b>   | 3591236  | CODAS                 |   |
| <b>CORRESPONDENCE DATA</b>  |  |                       |   |
| <b>Fax Number:</b>  | 7043782057                                     |                       |   |
| <i>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.</i> |  |                       |   |
| <b>Phone:</b>   | 7043312359                                     |                       |   |
| <b>Email:</b>   | vangambrell@mvalaw.com, cindigraser@mvalaw.com |                       |   |
| <b>Correspondent Name:</b>  | Moore & Van Allen PLLC                         |                       |   |
| <b>Address Line 1:</b>  | 3015 Carrington Mill Boulevard, Ste. 400       |                       |   |
| <b>Address Line 2:</b>  | PO Box 13706                                   |                       |   |
| <b>Address Line 4:</b>  | Research Triangle Pa, NORTH CAROLINA 27709     |                       |   |
| <b>NAME OF SUBMITTER:</b>   | Peter B. Stewart                               |                       |   |

OP \$190.00 1551582

|   |                    |
|---|--------------------|
| <b>SIGNATURE:</b>   | /Peter B. Stewart/ |
| <b>DATE SIGNED:</b>   | 11/17/2017         |
| <b>Total Attachments: 4</b><br>source=Executed-trademark-Notices-Recro_Gainesville_LLC#page1.tif<br>source=Executed-trademark-Notices-Recro_Gainesville_LLC#page2.tif<br>source=Executed-trademark-Notices-Recro_Gainesville_LLC#page3.tif<br>source=Executed-trademark-Notices-Recro_Gainesville_LLC#page4.tif |                    |

NOTICE  
OF  
GRANT OF SECURITY INTEREST  
IN  
TRADEMARKS

United States Patent and Trademark Office

Ladies and Gentlemen:

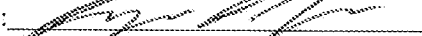
Please be advised that pursuant to the Security Agreement dated as of November 17, 2017 (as the same may be amended, modified, restated or supplemented from time to time, the "Security Agreement") by and among the Grantors party thereto (each a "Grantor" and collectively, the "Grantors") and Athyrium Opportunities III Acquisition LP, as Administrative Agent (the "Administrative Agent") for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in and continuing lien upon, the trademarks, trademark licenses and trademark applications set forth on Schedule 1 attached hereto to the Administrative Agent for the ratable benefit of the Secured Parties.

The undersigned Grantor and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the trademarks, trademark licenses and trademark applications set forth on Schedule 1 attached hereto (i) may only be terminated in accordance with the terms of the Security Agreement, (ii) is not to be construed as an assignment of any trademark, trademark license or trademark application.

[Signature pages follow]

Very truly yours,

RECRO GAINESVILLE LLC  
a Massachusetts limited liability company

By:   
Name: Ryan Lake  
Title: Treasurer

NOTICE OF GRANT OF SECURITY INTEREST IN TRADEMARKS -- Recro Gainesville LLC  
RECRO PHARMA, INC.

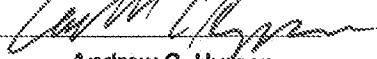
**TRADEMARK**  
**REEL: 006208 FRAME: 0991**

Acknowledged and Accepted:

ATHYRIUM OPPORTUNITIES III ACQUISITION LP,  
a Delaware limited partnership, as Administrative Agent

By: Athyrium Opportunities Associates III LP, its General Partner

By: Athyrium Opportunities Associates III GP LLC, the General  
Partner of Athyrium Opportunities Associates III LP

By:   
Name: **Andrew C. Hyman**  
Title: **Authorized Signatory**

**Schedule 1**

**Recro Gainesville LLC  
(Massachusetts limited liability company)**

**U.S. Trademarks**

**U.S. Trademarks owned by Recro Gainesville LLC**

| <b><u>Trademark</u></b> | <b><u>Registration Number /<br/>Application Number</u></b> | <b><u>Owner</u></b>      |
|-------------------------|--|--------------------------|
| VERELAN                 | 1551582 / 73/760,372                                       | Recro Gainesville<br>LLC |
| BEADTEK                 | 86/452,063   | Recro Gainesville<br>LLC |
| BEADTEK (Stylized)      | 86/530,165   | Recro Gainesville<br>LLC |

**Trademark Licenses - U.S. Trademarks licensed to Recro Gainesville LLC**

Administrative Agent is taking a security interest in Grantor's rights as licensee to the following trademarks:

| <b><u>Trademark</u></b> | <b><u>Registration Number /<br/>Application Number</u></b> | <b><u>Owner</u></b>                     | <b><u>Licensee</u></b>      |
|-------------------------|--|---|-----------------------------|
| NANOCRYSTAL             | 2492925/75425869   | Elan Pharma<br>International<br>Limited | Recro<br>Gainesville<br>LLC |
| NANOCRYSTAL             | 2386089/75425872   | Elan Pharma<br>International<br>Limited | Recro<br>Gainesville<br>LLC |
| SODAS                   | 2794607/78127040   | Alkermes Pharma<br>Ireland Limited      | Recro<br>Gainesville<br>LLC |
| CODAS                   | 3591236/78538974   | Elan Pharma<br>International<br>Limited | Recro<br>Gainesville<br>LLC |