

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jon MEIGH</td> <td>10/01/2010</td> </tr> <tr> <td>Mark David ASHTON</td> <td>10/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jon MEIGH	10/01/2010	Mark David ASHTON	10/01/2010				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SIGMA-ALDRICH COMPANY LTD</td> </tr> <tr> <td>Street Address:</td> <td>The Old Brickyard, New Road Gillingham</td> </tr> <tr> <td>City:</td> <td>Dorset</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>SP8 4XT</td> </tr> </table>		Name:	SIGMA-ALDRICH COMPANY LTD	Street Address:	The Old Brickyard, New Road Gillingham	City:	Dorset	State/Country:	UNITED KINGDOM	Postal Code:	SP8 4XT
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 7818394121  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 1 781 839 4951        Email: kalliopi.gantzoudis@astrazeneca.com        Correspondent Name: AstraZeneca        Address Line 1: 35 Gatehouse Drive        Address Line 4: Waltham, MASSACHUSETTS 02451</p>											
ATTORNEY DOCKET NUMBER:	103822-US-NP/R&I										
NAME OF SUBMITTER:	Kalliopi Gantzoudis										
<p>Total Attachments: 3        source=103822-1_US_Assignment_MEIGH_ASHTON[1]#page1.tif        source=103822-1_US_Assignment_MEIGH_ASHTON[1]#page2.tif        source=103822-1_US_Assignment_MEIGH_ASHTON[1]#page3.tif</p>											

CH \$40.00 12895995

THIS CONFIRMATORY ASSIGNMENT is made the 1<sup>st</sup> day of October 2010 (**the "Effective date"**)

BY AND BETWEEN

Jon Meigh of SAFC Pharma Manchester, Synergy House, Guildhall Close, Manchester Science Park,  
Manchester M15 6SY, UK; and

Mark David Ashton of Flat 4 Monton Lodge, Monton, Eccles, Manchester, M30 8EH, UK

(collectively **"Inventors"**); and

SIGMA-ALDRICH COMPANY LTD., a company incorporated under the laws of England, with its  
principal office located at The Old Brickyard, New Road Gillingham, Dorset, SP8 4XT, United  
Kingdom (**"Sigma-Aldrich"**)

RECITALS

WHEREAS

- A. the **"Inventors"** have made certain inventions (**"Inventions"**) in respect of which US  
Application No. 12/895995 was filed on the 1<sup>st</sup> day of October 2010 (the **"Patent  
Application"**).
- B. The Inventors were employees of Sigma-Aldrich at the time the Inventions were made.
- C. Sigma-Aldrich and AstraZeneca UK Limited have entered into a Master Services Agreement for  
PR&D dated 1 July 2007 (the **"Master Services Agreement"**).
- D. The Inventions form part of the Results defined in the Master Services Agreement and are the  
exclusive property of AstraZeneca UK pursuant to section 11 of the Master Services Agreement.

NOW THEREFORE IT IS HEREBY AGREED AS FOLLOWS:

- 1. In consideration of the amount paid to the Inventors pursuant to their contracts of employment with  
Sigma-Aldrich, the Inventors hereby confirms that by virtue of their employment with Sigma-Aldrich,  
they have assigned, with full title guarantee, free from all and any charges or other third party rights, to

Sigma-Aldrich absolutely all rights, title and interest in and to the Inventions and the Patent Application in accordance with their contracts of employment and in accordance with the Patents Act 1977.

2. The Inventors hereby agree with Sigma-Aldrich that the assignment to Sigma-Aldrich includes, but is not limited to, any and all causes of action, claims, demands or other rights, occasioned from or because of any and all past and future infringement of any patent application claiming any of the Inventions, including all rights to recover damages, profits and injunctive relief for infringement of any such patent application, and the right to file a patent application anywhere in the world claiming convention priority based on US Provisional Application No. 61/248081 filed on the 2<sup>nd</sup> day of October 2009.

3. The Inventor hereby agrees with Sigma-Aldrich that he will execute such further documents and give such assistance at the expense of Sigma-Aldrich as Sigma-Aldrich may require:

- a) to secure the vesting in Sigma-Aldrich of all rights in the Patent Application and in such parties to whom Sigma-Aldrich may assign its rights in the Patent Application;
- b) to defeat any challenge to the validity of and resolve any questions concerning the Patent Application; and
- c) to apply for, prosecute and obtain patent or similar protection in the United States and all other countries of the world for an invention embodied by the Patent Application, including the right to claim convention priority from such application(s), and including, without limitation, cooperating in any proceedings involving examinations, re-examinations, reissues, opposition and cancellation proceedings, interferences, infringement proceedings, court actions and the like.

4. The Inventor hereby agrees with Sigma-Aldrich that he shall, at the expense of Sigma-Aldrich, execute and sign all such instruments, applications and documents and do all such acts and things as may reasonably be required by Sigma-Aldrich to enable Sigma-Aldrich or its nominee to enjoy the full benefit of the rights assigned by this agreement.

5. Sigma-Aldrich accepts the above assignment.

6. This assignment shall be governed by and construed in accordance with the law of England and the parties hereby submit to the exclusive jurisdiction of the English courts.

Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

This agreement has been entered into on the date stated at the beginning of it.

J.P.R. Meigh

Jon MEIGH

01.10.2010

Date

Witnessed by:

Meigh

Name of Witness: EVONA MEIGH

M. Ashton

Mark David ASHTON

01.10.2010

Date

Witnessed by:

J. Sherwood

Name of Witness:

JOHN SHERWOODS.

D. A. White

Signed on behalf of  
SIGMA-ALDRICH COMPANY LTD  
Name of Authorised Signatory:

15 DEC 10

Date