

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Takeda Pharmaceutical Company Limited	07/21/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Norgine B.V.
<b>Street Address:</b>	Hogehilweg 7
<b>City:</b>	1101 CA Amsterdam Zuid-Oost
<b>State/Country:</b>	NETHERLANDS
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13265599
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)502-5002
<b>Phone:</b>	617-248-5000
<b>Email:</b>	patentdocket@choate.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Choate Hall & Stewart LLP
<b>Address Line 1:</b>	Two International Place
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	2003882-0065
<b>NAME OF SUBMITTER:</b>	John P. Rearick
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif	

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THIS AGREEMENT is made this 21<sup>st</sup> day of July 2011 BETWEEN

Takeda Pharmaceutical Company Limited, organised and existing under the Laws of Japan, of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, Japan (hereinafter called "the Assignor") of the one part

and

Norgine B. V., organised and existing under the Laws of the Netherlands, of Hogehilweg 7, 1101 CA Amsterdam Zuid-Oost, Netherlands (hereinafter called "the Assignee") of the other part.

WHEREAS

- A. The Assignor and Alizyme Therapeutics Limited (hereinafter called "Alizyme") entered into the License and Development Agreement dated 7 August 2003 which was assigned from Alizyme to the Assignee as of 15 October 2009 (hereinafter called "the Agreement").
- B. The Assignor is the proprietor of international patent application number PCT/JP2010/057110 (hereinafter called "the Property")
- C. The Assignor has agreed to assign the Property to the Assignee.

NOW IT IS HEREBY AGREED as follows:-

- 1. Pursuant to Clause 23.3 of the Agreement, the Assignor hereby ASSIGNS ABSOLUTELY WITH FULL TITLE GUARANTEE to the Assignee all its right, title and interest in and to the Property free of charge, including the right to claim priority from priority application JP2009-106606, and all the rights, powers,

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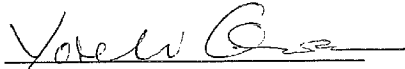
privileges and immunities arising or accrued therefrom TO HOLD unto the Assignee ABSOLUTELY.

2. The Assignor further covenants that at the request and cost of the Assignee he will at all times hereafter do all such acts and execute all such documents as may reasonably be necessary or desirable both to secure the vesting in the Assignee of all rights assigned to the Assignee hereunder and to assist in the resolution of any question concerning assignment of the Property to the Assignee.

IN WITNESS whereof duly authorised representative of the parties hereto have executed this Agreement the day and year first above written.

For and on behalf of

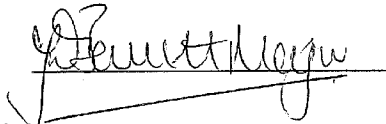
Takeda Pharmaceutical Company Limited



Name \_\_\_\_\_  
Yoichi Okumura  
General Manager  
Title \_\_\_\_\_  
Intellectual Property Department

For and on behalf of

Norgine B. V.



Name \_\_\_\_\_  
Julie D Barrett-Major, CPA EPA  
Title \_\_\_\_\_  
Director of Intellectual Property