

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GANYMED PHARMACEUTICALS AG	09/10/2014
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12765251
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ATTORNEY DOCKET NUMBER:	22939US01
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DATE SIGNED:	02/05/2015
Total Attachments: 2	
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ASSIGNMENT

Case No. 22939US01

U.S. Serial No. 12/765,251

Inventors: Ugur Sahin, Özlem Türeci, and Michael Koslowski

NOW, THEREFORE, in exchange for good and valuable considerations in hand paid, the receipt and sufficiency acknowledged, the undersigned Ganymed Pharmaceuticals ("Assignor") assigns to:

BioNTech AG
a German corporation
An der Goldgrube 12
Mainz, Germany 55131

their successors and assigns (collectively, "the Assignee"), the entire right, title, and interest owned by the Assignor in the invention disclosed in a United States Patent Application entitled,

IDENTIFICATION OF TUMOR-ASSOCIATED MARKERS FOR DIAGNOSIS AND THERAPY

and identified as Case No. 22939US01 in the offices of McANDREWS, HELD & MALLOY, LTD., filed on March 14, 2013, in the United States Patent and Trademark Office as United States Patent Application Serial No. 12/765,251, ("the Application"), which was a continuation of International Application Number PCT/EP2008/008924, filed October 22, 2008, which claims priority to EP Application No. 07020730.3 filed on October 23, 2007, and in any and all other (provisional or non-provisional) applications both United States and foreign based thereon that claim priority thereto, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, reexamination, renewal, substitutions, reissue or extension of such applications or patents.

The Assignor further assigns to the Assignee the entire right, title, and interest owned by the Assignor in the Application and any and all other applications both United States and foreign based thereon and that claim priority thereto, which the undersigned may file, and the priority right provided by the International Convention, treaties or otherwise.

The Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent arising from the Application to the Assignee.

The Assignor warrants to be an owner of the entire right, title and interest in the invention and to have the right to make this Assignment to the extent the entire right, title, and interest in the Application is held by the Assignor.

The Assignor further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the assigned interest.

For said considerations, the Assignor agrees, upon the request and at the expense of the Assignee to execute any necessary oath, affidavit or declaration relating to the application, and any application for the reissue, reexamination or extension of any Letters Patent that may be granted upon the Application, that the Assignee may deem necessary or expedient, and for the considerations the Assignor authorizes the Assignee to apply for patents for the invention in its own name in such countries where such procedure is proper and further agrees, upon the request of the Assignee to cooperate with the Assignee to the best of the ability of the Assignor in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain the Letters Patent, and vests all rights therein conveyed in the Assignee whereby the Letters Patent will be held and enjoyed by the Assignee to the full end of the term for which the Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor if this Assignment had not been made.

The Assignee also has the right to enforce patent rights to such Patents that may be granted upon the application as fully and entirely as the same would have been held and enjoyed by the Assignor if this Assignment had not been made; together with all claims by Assignor for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for Assignee's own use and benefit, and other legal representatives. This document constitutes the entirety of the Assignment.

EXECUTED this 10 day of September, 2014.

Title: _____

for Assignor: **GANYMED PHARMACEUTICALS AG**
FREILIGRATHSTRASSE 12
MAINZ, GERMANY 55131

Witnessed: _____

Print Name: Jessica Heinke

MARION TEICHMANN