

**SECOND AMENDMENT TO THE MASTER  
CLINICAL TRIAL AGREEMENT**

This Second Amendment (“Second Amendment”) effective as of March 16, 2014 hereby amends the Master Clinical Trial Agreement dated March 16<sup>th</sup>, 2009, and Amendment #1 thereto dated May 31, 2012, between The University of Texas Health Science Center at San Antonio, The University of Texas Health Science Center at Houston, The University of Texas Southwestern Medical Center, The University of Texas Medical Branch at Galveston, The University of Texas Health Science Center at Tyler and The University of Texas at Austin, (individually and collectively referred to as an “Institution”) and Hoffmann-La Roche Inc. and Roche Laboratories Inc. (each referred to as “Roche”) (the “Master Agreement (as amended)”) (each a “Party” and collectively the “Parties”).

WHEREAS, the Parties desire to amend the terms of the Master Agreement (as amended) as set forth below to extend the term of the Master Agreement for an additional six (6) months.

NOW, THEREFORE, in consideration of the mutual promises set forth herein and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Parties hereto promise and agree as follows:

1. Pursuant to Section 10 of the Master Agreement (as amended), the parties mutually agree to extend the term of the Master Agreement for an additional six (6) months until September 16, 2014.

**THE REST OF THIS PAGE IS INTENTIONALLY LEFT BLANK**

IN WITNESS WHEREOF, the Parties hereto have caused this Second Amendment to be duly executed as of the date written below.

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT SAN ANTONIO

By: Chris Green

Name: Chris G. Green, CPA  
Director  
Title: Office of Sponsored Programs

Date: 13 March 2014

HOFFMANN-LA ROCHE INC.

By: [Signature]

Name: FREDERICK C. KEATZ VII  
Title: VICE PRESIDENT

Date: 3/13/14

THE UNIVERSITY OF TEXAS  
SOUTHWESTERN MEDICAL CENTER

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

UNIVERSITY OF TEXAS MEDICAL  
BRANCH AT GALVESTON

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS AT AUSTIN

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT TYLER

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**IN WITNESS WHEREOF**, the Parties hereto have caused this Second Amendment to be duly executed as of the date written below.

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT SAN ANTONIO

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

HOFFMANN-LA ROCHE INC.

By:  \_\_\_\_\_

Name: FREDERICK C. REARDON II

Title: VICE PRESIDENT

Date: 3/13/14

THE UNIVERSITY OF TEXAS  
SOUTHWESTERN MEDICAL CENTER

By:  \_\_\_\_\_

Name: Angela R. Charboneau Wishon, J.D.

Title: Vice President for Research Administration

Date: 3-25-2014

UNIVERSITY OF TEXAS MEDICAL  
BRANCH AT GALVESTON

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS AT AUSTIN

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT TYLER

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

IN WITNESS WHEREOF, the Parties hereto have caused this Second Amendment to be duly executed as of the date written below.

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT SAN ANTONIO

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

HOFFMANN-LA ROCHE INC.

By:  \_\_\_\_\_

Name: FREDERICK C. KERZ III

Title: VICE PRESIDENT

Date: 3/13/14

THE UNIVERSITY OF TEXAS  
SOUTHWESTERN MEDICAL CENTER

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

UNIVERSITY OF TEXAS MEDICAL  
BRANCH AT GALVESTON

By:  \_\_\_\_\_

Name: Connie J Barton

Title: Director, Office of Sponsored Programs

Date: 3/13/14

THE UNIVERSITY OF TEXAS AT AUSTIN

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT TYLER

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**IN WITNESS WHEREOF**, the Parties hereto have caused this Second Amendment to be duly executed as of the date written below.

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT SAN ANTONIO

HOFFMANN-LA ROCHE INC.

By: \_\_\_\_\_

By:  \_\_\_\_\_

Name: \_\_\_\_\_

Name: FREDERICK C. KEATZ III

Title: \_\_\_\_\_

Title: VICE PRESIDENT

Date: \_\_\_\_\_

Date: 3/13/14

THE UNIVERSITY OF TEXAS  
SOUTHWESTERN MEDICAL CENTER

UNIVERSITY OF TEXAS MEDICAL  
BRANCH AT GALVESTON

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS AT AUSTIN

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT TYLER

By:  \_\_\_\_\_

By: \_\_\_\_\_

Name: BILL CATLETT

Name: \_\_\_\_\_

Title: DIRECTOR, OFFICE OF INDUSTRY

Title: \_\_\_\_\_

Date: 13MAY14

Date: \_\_\_\_\_

ENGAGEMENT

IN WITNESS WHEREOF, the Parties hereto have caused this Second Amendment to be duly executed as of the date written below.

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT SAN ANTONIO

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

HOFFMANN-LA ROCHE INC.

By:  \_\_\_\_\_

Name: FREDERICK C. REITZ III

Title: VICE PRESIDENT

Date: 3/13/14

THE UNIVERSITY OF TEXAS  
SOUTHWESTERN MEDICAL CENTER

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

UNIVERSITY OF TEXAS MEDICAL  
BRANCH AT GALVESTON

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS AT AUSTIN

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT TYLER

By:  \_\_\_\_\_

Name: David Anderson

Title: Director, Pre-Award Services

Date: 3/17/14

THE UNIVERSITY OF TEXAS HEALTH  
SCIENCE CENTER AT HOUSTON

By: \_\_\_\_\_

Name: *Karen Niemeier*

Karen S. Niemeier

Title: \_\_\_\_\_

Director, Contracts  
Office of Sponsored Projects

Digitally signed by  
karen.niemeier@uth.tmc.edu  
DN:  
cn=karen.niemeier@uth.tmc.edu  
Date: 2014.03.13 17:00:59 -05'00'

Date: \_\_\_\_\_

## Second Amended Exhibit 1

### Administrative Contact Person and Address for Each Institution

<p>David Hawkins Associate Director Office of Sponsored Projects <b>The University of Texas at Austin</b> North Office Bldg., Suite 5.300 Austin, TX 78712</p> <p>Phone: 512-471-6424 Fax: 512-471-6564</p> <p>Tax ID: 74-6000203</p>	<p>Angela R. Charboneau Wishon, J.D. Vice President for Research Administration <b>The University of Texas Southwestern Medical Center</b> 5323 Harry Hines Blvd. Dallas, Texas 75390-9016</p> <p>Phone: 214-648-0455 Fax: 214-648-2119 <u>mailto:</u> Tax ID: 75-6002868</p>
<p>Jane A. Youngers Assistant Vice President for Research and Sponsored Programs <b>The University of Texas Health Science Center at San Antonio</b> 7703 Floyd Curl Dr, Mail Code 7828 San Antonio, TX 78229-3900</p> <p>Phone: 210-567-2340 Fax: 210-567-8107</p> <p>Tax ID: 74-1586031</p>	<p>Karen Niemeier Director, Contracts <b>The University of Texas Health Science Center at Houston</b> 7000 Fannin Street, Suite 1006 Houston, TX 77030</p> <p>Phone: 713-500-3999 Fax: 713-383-3746</p> <p>Tax ID: 74-1761309</p>
<p>David Anderson Director, Office of Pre-Award Services <b>The University of Texas Health Science Center at Tyler</b> 11937 U.S. Hwy. 271 Tyler, TX 75708-3154</p> <p>Phone: 903-877-7486 Fax: 903-877-7558</p> <p>Tax ID: 75-6001354</p>	<p>Rohan Hebbar Associate Legal Officer <b>The University of Texas Medical Branch at Galveston</b> 301 University Boulevard Galveston, TX 77555-0156</p> <p>Phone: 409-747-8794 Fax: 409-266-9470</p> <p>Tax ID: 74-6000949</p>