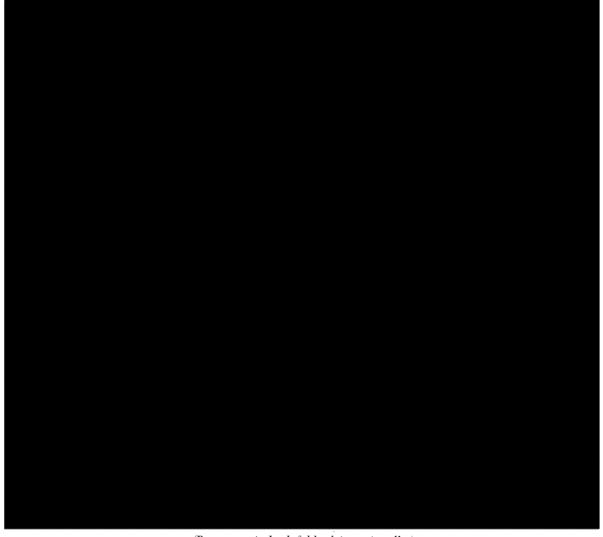
THIRD DEVELOPMENT AGREEMENT AMENDMENT

This Third Amendment is entered into as of 17 April 2013 by and between Novartis Pharma AG, with its principal place of business at Lichtstrasse 35, CH 4056 Basel, Switzerland ("Novartis"), and with its principal offices located at and amends the terms of the Development Agreement between Novartis and lated 27 January 2009, as amended as of 22 July 2011 and 19 March 2012 (the "Development Agreement") which terms are hereby

deemed amended for the purposes hereof and otherwise ratified.



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