

## Regulus Appoints William H. Rastetter, Ph.D. to its Board of Directors

*Industry Legend Brings Deep Biotechnology Expertise*

LA JOLLA, Calif., April 1, 2013 /PRNewswire/ -- [Regulus Therapeutics Inc.](#) (NASDAQ: RGLS), a biopharmaceutical company leading the discovery and development of innovative medicines targeting microRNAs, announced today that it has appointed William H. Rastetter, Ph.D. to its Board of Directors effective immediately.

"We are extremely pleased to have Bill join our Board," said John Maraganore, Ph.D., Chairman of the Board of Directors of Regulus and CEO of Alnylam Pharmaceuticals, Inc. "Bill is an industry legend who has invented, developed and commercialized highly transformative therapies. He will be a valuable resource as we continue to grow the company and develop first-in-class medicines targeting microRNAs."

"Regulus' approach to treating complex, multi-factorial diseases by targeting microRNAs is very exciting," said Dr. Rastetter. "I believe that Regulus' therapeutic platform has significant scientific and commercial potential and I look forward to collaborating with the Regulus team and Board of Directors to realize the power of microRNA therapeutics."

Dr. Rastetter served as Chief Executive Officer of IDEC Pharmaceuticals from December 1986 through November 2003, and as Chairman from May 1996 to November 2003. Upon the merger of IDEC Pharmaceuticals and Biogen in November 2003, Dr. Rastetter served as Executive Chairman of Biogen Idec until the end of 2005. From 2006 to 2013, Dr. Rastetter served as a partner in the venture capital firm, Venrock. Dr. Rastetter currently serves as the Chairman of the Board of Directors of Fate Therapeutics, Inc., Illumina, Inc., Neurocrine Biosciences and Receptos, Inc. He is the author of numerous scientific papers and patent applications in the fields of organic and bioorganic chemistry, protein and enzyme engineering, and biotechnology. Dr. Rastetter holds a S.B. in Chemistry from the Massachusetts Institute of Technology and received his M.A. and Ph.D. in Chemistry from Harvard University.

### About Regulus

Regulus Therapeutics Inc. (NASDAQ: RGLS) is a biopharmaceutical company leading the discovery and development of innovative medicines targeting microRNAs. Regulus is leveraging a mature therapeutic platform based on technology that has been developed over 20 years. Regulus works with a broad network of academic collaborators and leverages the oligonucleotide drug discovery and development expertise of its founding companies, Alnylam Pharmaceuticals and Isis Pharmaceuticals. Regulus is advancing microRNA therapeutics toward clinical development in several areas, including oncology, fibrosis, hepatitis C and metabolic diseases. Regulus has formed strategic alliances with AstraZeneca, GlaxoSmithKline and Sanofi and a research collaboration with Biogen Idec.

For more information, please visit <http://www.regulusrx.com>.

### Forward-Looking Statements

Statements contained in this press release regarding matters that are not historical facts are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, including statements associated with Regulus' expectations regarding future therapeutic and commercial potential of Regulus' business plans, technologies and intellectual property related to microRNA therapeutics being discovered and developed by Regulus. Because such statements are subject to risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. Words such as "believes," "anticipates," "plans," "expects," "intends," "will," "goal," "potential" and similar expressions are intended to identify forward-looking statements. These forward-looking statements are based upon Regulus' current expectations and involve assumptions that may never materialize or may prove to be incorrect. Actual results and the timing of events could differ materially from those anticipated in such forward-looking statements as a result of various risks and uncertainties, which include, without limitation, risks associated with the process of discovering, developing and commercializing drugs that are safe and effective for use as human therapeutics, and in the endeavor of building a business around such drugs. These and other risks concerning Regulus' programs are described in additional detail in Regulus' SEC filings. All forward-looking statements contained in this press release speak only as of the date on which they were made. Regulus undertakes no obligation to update such statements to reflect events that occur or circumstances that exist after the date on which they were made.

SOURCE Regulus Therapeutics Inc.

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