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Alnylam to Webcast R&D Day

CAMBRIDGE, Mass.--(BUSINESS WIRE)-- Alnylam Pharmaceuticals, Inc. (Nasdaq: ALNY), a leading RNAi therapeutics company, today announced that it will webcast its upcoming R&D Day live on the Investors section of the company's website, www.alnylam.com.

Alnylam management and key opinion leaders will discuss the latest progress as well as plans for the future development of the company's RNAi therapeutics pipeline. The event will include presentations from the following guest speakers:

- **David P. Meeker, M.D.**
  President and Chief Executive Officer of Genzyme, a Sanofi company
- **Daniel J. Rader, M.D.**
  Chair, Department of Genetics,
  Perelman School of Medicine, University of Pennsylvania
- **Timothy M. Block, Ph.D.**
  President, Hepatitis B Foundation of America and its Baruch S. Blumberg Institute, and
  Professor, Drexel University College of Medicine

Alnylam's R&D Day will be held on Friday, December 12, 2014 from 8:00 a.m. to 12:00 p.m. ET at the Sofitel New York in New York City. An audio replay of the event will be available on the Alnylam website approximately 90 minutes after the event.

About Alnylam Pharmaceuticals

Alnylam is a biopharmaceutical company developing novel therapeutics based on RNA interference, or RNAi. The company is leading the translation of RNAi as a new class of innovative medicines with a core focus on RNAi therapeutics as genetic medicines, including programs as part of the company's "Alnylam 5x15™" product strategy. Alnylam's genetic medicine programs are RNAi therapeutics directed toward genetically defined targets for the treatment of serious, life-threatening diseases with limited treatment options for patients and their caregivers. These include: patisiran (ALN-TTR02) targeting transthyretin (TTR) for the treatment of TTR-mediated amyloidosis (ATTR) in patients with familial amyloidotic polyneuropathy (FAP); revusiran (ALN-TTRsc) targeting TTR for the treatment of ATTR in patients with TTR cardiac amyloidosis, including familial amyloidotic cardiomyopathy (FAC) and senile systemic amyloidosis (SSA); ALN-AT3 targeting antithrombin (AT) for the treatment of hemophilia and rare bleeding disorders (RBD); ALN-CC5 targeting complement component C5 for the treatment of complement-mediated diseases; ALN-AS1 targeting aminolevulinic acid synthase-1 (ALAS-1) for the treatment of hepatic porphyrias including acute intermittent porphyria (AIP); ALN-PCSsc targeting PCSK9 for the treatment of hypercholesterolemia; ALN-AAT targeting alpha-1 antitrypsin (AAT) for the treatment of AAT deficiency-associated liver disease; ALN-HBV targeting the hepatitis B virus (HBV) genome for the treatment of HBV infection; ALN-TMP targeting TMPRSS6 for the treatment of beta-thalassemia and iron-overload disorders; ALN-ANG targeting angiopoietin-like 3 (ANGPTL3) for the treatment of genetic forms of mixed hyperlipidemia and severe hypertriglyceridemia; ALN-AC3 targeting apolipoprotein C-3 (apoC3) for the treatment of hypertriglyceridemia; ALN-AGT targeting angiotensinogen (AGT) for the treatment of hypertensive disorders of pregnancy (HDP), including preeclampsia; ALN-GO1 targeting glycolate oxidase (GO) for the treatment of primary hyperoxaluria type 1 (PH1); ALN-HDV targeting the hepatitis delta virus (HDV) genome for the treatment of HDV infection; ALN-PDL targeting programmed death ligand 1 (PD-L1) for the treatment of chronic liver infections; and other programs yet to be disclosed. As part of its "Alnylam 5x15" strategy, as updated in early 2014, the company expects to have six to seven genetic medicine product candidates in clinical development - including at least two programs in Phase 3 and five to six programs with human proof of concept - by the end of 2015. The company's demonstrated commitment to RNAi therapeutics has enabled it to form major alliances with leading companies including Merck, Medtronic, Novartis, Biogen Idec, Roche, Takeda, Kyowa Hakko Kirin, Cubist, GlaxoSmithKline, Ascletis, Monsanto, and The Medicines Company. In early 2014, Alnylam and Genzyme, a Sanofi company, formed a multi-product geographic alliance on Alnylam's genetic medicine programs in the rare disease field. Specifically, Alnylam will lead development and commercialization of programs in North America and Europe, while Genzyme will develop and commercialize products in the rest of world. In addition, Alnylam and Genzyme will co-develop and co-commercialize revusiran in North America and Europe. In March 2014, Alnylam acquired Sirna Therapeutics, a wholly owned subsidiary of Merck. In addition, Alnylam holds an equity position in Regulus Therapeutics Inc., a company focused on discovery, development, and commercialization of microRNA therapeutics. Alnylam scientists and collaborators have published their research on RNAi therapeutics in over 200 peer-reviewed papers, including many in the world's top scientific journals such as *Nature, Nature Medicine, Nature Biotechnology, Cell, New England Journal of Medicine,* and *The Lancet*. Founded in 2002, Alnylam maintains headquarters in Cambridge, Massachusetts. For more information, please visit www.alnylam.com.

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