## Ionis Pharmaceuticals to Hold First Quarter 2018 Financial Results Webcast

April 24, 2018

## Webcast scheduled for Friday, May 4 at 11:30 a.m. Eastern Time

CARLSBAD, Calif., April 24, 2018 /PRNewswire/ -- Ionis Pharmaceuticals, Inc. (NASDAQ: IONS) announced today that it will host a live webcast on Friday, May 4 at 11:30 a.m. Eastern Time to discuss its first quarter 2018 financial results and report on pipeline and business progress.



Interested parties may listen to the call by dialing 877-443-5662 or access the webcast at <u>www.ionispharma.com</u>. A webcast replay will be available for a limited time at the same address.

## ABOUT IONIS PHARMACEUTICALS, INC.

lonis is the leading company in RNA-targeted drug discovery and development focused on developing drugs for patients who have the highest unmet medical needs, such as those patients with severe and rare diseases. Using its proprietary antisense technology, lonis has created a large pipeline of first-in-class or best-in-class drugs, with over 40 drugs in development. SPINRAZA<sup>®</sup> (nusinersen) has been approved in global markets for the treatment of spinal muscular atrophy (SMA). Biogen is responsible for commercializing SPINRAZA. Inotersen and volanesorsen are two antisense drugs that lonis discovered and successfully advanced through Phase 3 studies. Inotersen is under regulatory review for marketing approval in the U.S. and EU for the treatment of patients with hereditary ATTR amyloidosis. Volanesorsen is under regulatory review for marketing approval in the U.S., EU and Canada for the treatment of patients with familial chylomicronemia syndrome, or FCS. Volanesorsen is also in a Phase 3 study in patients with familial partial lipodystrophy, or FPL. Akcea, an affiliate of lonis focused on developing and commercializing drugs to treat patients with serious and rare diseases, will commercialize inotersen and volanesorsen, if approved. Ionis' patents provide strong and extensive protection for its drugs and technology. Additional information about lonis is available at www.ionispharma.com.

## **IONIS' FORWARD-LOOKING STATEMENT**

This press release includes forward-looking statements regarding Ionis Pharmaceuticals' business and the therapeutic and commercial potential of Ionis' technologies and products in development, including SPINRAZA, inotersen and volanesorsen. Any statement describing Ionis' goals, expectations, financial or other projections, intentions or beliefs is a forward-looking statement and should be considered an at-risk statement. Such statements are subject to certain risks and uncertainties, particularly those inherent in 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. Ionis' forward-looking statements also involve assumptions that, if they never materialize or prove correct, could cause its results to differ materially from those expressed or implied by such forward-looking statements. Although Ionis' forward-looking statements reflect the good faith judgment of its management, these statements are based only on facts and factors currently known by Ionis. As a result, you are cautioned not to rely on these forward-looking statements. These and other risks concerning Ionis' programs are described in additional detail in Ionis' annual report on Form 10-K for the year ended December 31, 2017, which is on file with the SEC. Copies of this and other documents are available from the Company.

In this press release, unless the context requires otherwise, "Ionis," "Company," "we," "our," and "us" refers to Ionis Pharmaceuticals and its subsidiaries.

Ionis Pharmaceuticals<sup>™</sup> is a trademark ofonis Pharmaceuticals, Inc. Akcea Therapeutics<sup>™</sup> is a trademark ofonis Pharmaceuticals, Inc. SPINRAZA<sup>®</sup> is a registered trademark of Biogen.

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Ionis Pharmaceuticals Investor and Media Contact: D. Wade Walke, Ph.D.; Vice President, Corporate Communications and Investor Relations; 760-603-2741