Cortexyme Announces Partnership with Parkinson Study Group and Upcoming Alzheimer's Disease Data Presentation

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-- Partnership with Parkinson Study Group Advisory Panel to collaborate on Parkinson's Disease Program --

-- Presentation at AD/PD™ 2021 Underscores Relevance of Cortexyme's Approach --

SOUTH SAN FRANCISCO, Calif.--(BUSINESS WIRE)--Mar. 8, 2021-- Cortexyme, Inc. (Nasdaq: CRTX), a clinical-stage biopharmaceutical company focused on Alzheimer's and other degenerative diseases, announced that it has partnered with the Parkinson Study Group (PSG) to form an Advisory Board to leverage the group's expertise and further develop the company's Parkinson's disease (PD) program. In addition, Cortexyme will present new data further demonstrating the role of *Porphyromonas gingivalis (P. gingivalis)* in the development of Alzheimer's disease at AD/PD™ 2021, the 15th International Conference on Alzheimer's & Parkinson's Diseases, which is being held virtually March 9-14, 2021.

Hubert Fernandez, M.D., Co-Chair of the Parkinson Study Group Executive Committee and Chair of the PSG Credentialing Committee, and a member of the newly created Advisory Board, stated: "I look forward to working with my colleagues on the Advisory Board. We are collectively eager to further understand the mechanism of gingipain inhibition and its potential to improve the lives of patients suffering from Parkinson's disease. There is a tremendous unmet medical need for PD, and the potential link between *P. gingivalis* and PD demands further exploration."

Along with Fernandez, the new Cortexyme/PSG Advisory Board is comprised of expert researchers across the PD field:

- Patrik Brundin, M.D., Ph.D., Honorary Guest to the PSG
- Eric Macklin, Ph.D., PSG Executive Committee Member
- Zoltan Mari, M.D., Co-Chair of the PSG Motor Features of PD Working Group
- Andrew Siderowf, M.D., PSG Executive Committee Member

"Our partnership with the PSG demonstrates the importance of Cortexyme's evidence to date and the potential to benefit patients suffering from Parkinson's disease," said Michael Detke, M.D., Ph.D., Cortexyme's Chief Medical Officer. "We are pleased to partner with the PSG and look forward to advancing our work in Parkinson's disease as we make progress towards improving patient outcomes."

Mounting evidence supports the role of *P. gingivalis* in Parkinson's disease, including research supporting the epidemiological link between periodontal disease and Parkinson's disease and rodent studies demonstrating that oral *P. gingivalis* infection causes alpha-synuclein production and degeneration of dopamine-producing neurons in the substantia nigra of the brain. For further details, visit www.cortexyme.com/science.

AD/PD 2021 Presentation Furthers Link Between *P. gingivalis* and Neurodegeneration

Cortexyme will also present research (poster 131/abstract 1544) at AD/PD 2021 further reinforcing Cortexyme's foundational research on *P. gingivalis'* role in AD and new techniques to detect the presence of *P. gingivalis* in the human brain.

In the poster, scientists at the University of Auckland and Cortexyme report new techniques to determine the ultrastructural localization of the arginine-gingipain (Rgp) virulence factor secreted by *P. gingivalis* in the human AD brain using electron microscopy. The researchers will report on the intracellular organelles in AD brain cells that Rgp co-localizes with, providing insight for the first time on why some sub-cellular organelles in AD neurons and astrocytes are damaged.

"This research adds to the growing body of evidence that shows the presence of gingipains in the human AD brain and the validation of new electron microscopy techniques that can be leveraged for future research into sub-cellular localization of gingipains within neurons and astrocytes," said Stephen Dominy, M.D., Cortexyme's Co-Founder and Chief Scientific Officer.

View the abstract "Ultrastructural localization of *Porphyromonas gingivalis* RgpB virulence factor in the middle temporal gyrus (MTG) of the Alzheimer's disease human brain" here on Cortexyme's website following the conference.

About Cortexyme

Cortexyme, Inc. (Nasdaq: CRTX) is a clinical stage biopharmaceutical company pioneering upstream therapeutic approaches designed to improve the lives of patients diagnosed with Alzheimer's and other degenerative diseases. Based upon the evidence generated to date, Cortexyme is currently advancing its lead therapeutic candidate, atuzaginstat (COR388), in the GAIN Trial, an ongoing Phase 2/3 clinical trial in patients with mild to moderate Alzheimer's disease. Cortexyme is targeting a specific, infectious pathogen found in the brain and other organs and tied to degeneration and inflammation in humans and animal models. To learn more about Cortexyme, visit www.cortexyme.com or follow @Cortexyme on Twitter.

Forward-Looking Statements

Statements in this press release contain "forward-looking statements" that are subject to substantial risks and uncertainties. Forward-looking statements contained in this press release may be identified by the use of words such as "anticipate," "expect," "believe," "will," "may," "should," "estimate," "project," "outlook," "forecast" or other similar words. Examples of forward-looking statements include, among others, statements we make regarding the partial clinical hold and ongoing correspondence with the FDA, and its related impact on the timing and success of our clinical trials, including with respect to atuzaginstat, the double-blind, placebo-controlled randomized phase of the GAIN Trial and open-label extension phase; the timing of announcements and updates relating to our clinical trials and related data; the potential therapeutic benefits, safety and efficacy of our product candidate or library of compounds; statements about our ability to obtain, and the timing relating to, and regulatory submissions and approvals

with respect to our drug product candidate. Forward-looking statements are based on Cortexyme's current expectations and are subject to inherent uncertainties, risks and assumptions that are difficult to predict and could cause actual results to differ materially from what we expect. Further, certain forward-looking statements are based on assumptions as to future events that may not prove to be accurate. Factors that could cause actual results to differ include, but are not limited to, the risks and uncertainties described in the section titled "Risk Factors" in our Annual Report on Form 10-K filed with the Securities and Exchange Commission (SEC) on March 1, 2021, our Quarterly Report on Form 10-Q filed with the SEC on November 12, 2020, and other reports as filed with the SEC. Forward-looking statements contained in this press release are made as of this date, and Cortexyme undertakes no duty to update such information except as required under applicable law.

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