



Aerie Pharmaceuticals Announces Presentations at the Association for Research in Vision and Ophthalmology Annual Meeting in Denver, Colorado, May 1-4, 2022

April 26, 2022

Abstracts showcase Rhopressa[®]/netarsudil, AR-15512 and "ROCK'Ster"

DURHAM, N.C.--(BUSINESS WIRE)--Apr. 26, 2022-- Aerie Pharmaceuticals, Inc. (NASDAQ: AERI), a pharmaceutical company focused on the discovery, development and commercialization of first-in-class ophthalmic therapies, today announced that fourteen abstracts related to Aerie's Rhopressa[®]/netarsudil, AR-15512 in dry eye and "ROCK'Sters" anti-inflammatory programs will be presented at the Association for Research in Vision and Ophthalmology Annual Meeting (ARVO 2022) in Denver, Colorado, May 1 through 4, 2022.

Gary Sternberg, M.D., Chief Medical Officer at Aerie commented, "Aerie is pleased to have fourteen scientific presentations, which include Aerie-sponsored studies, investigator-initiated studies and independent research, related to clinical and preclinical data on our innovative product and product candidates being presented at the ARVO meeting in Denver, Colorado.

Dr. Sternberg continued, "The ten presentations, including independent research, related to **netarsudil** will add to the real-world use and experience in a range of clinical settings and patient populations. Preclinical netarsudil studies will also elaborate on the breadth of potential clinical applications for rho-kinase inhibition in other ocular indications. With the initiation of the Phase 3 trial for **AR-15512** on track for the second quarter of 2022, we will be presenting and highlighting the Phase 2b study results for AR-15512 across multiple signs and symptoms in dry eye."

Dr. Sternberg concluded, "Additionally, we are pleased to showcase preclinical abstracts related to our "**ROCK'Sters**" ocular anti-inflammatory program, a VEGF challenge model in miniature swine, and a novel Aerie compound showing meaningful pharmacodynamic effects in a murine meibomian gland dysfunction model."

Aerie Sponsored Research Presentations:

Title: [Dry eye sign, symptom and quality of life improvements associated with administration of AR-15512](#): May 2nd (Poster)

Title: [ROCK'Sters, a novel compound class combining Rho kinase inhibition with corticosteroid anti-inflammatory activity for the treatment of ocular inflammatory disease](#): May 2nd (Poster)

Title: [Ocular PK/PD of a Novel Non-Steroidal Anti-Inflammatory Compound on a Murine Model of Meibomian Gland Dysfunction](#): May 2nd (Poster)

Title: [Model development of VEGF challenge in miniature swine](#): May 2nd (Poster)

Presentation of Investigator Initiated Trial:

Title: [Precise quantification of episcleral venous flow rates in human subjects before and after netarsudil 0.02%](#): May 4th (Oral session)

Independent Research:

Title: [The Efficacy of Rhopressa in Lowering Intraocular Pressure in Patients with Secondary Glaucoma](#): May 3rd (Poster)

Title: [A comparative study on the efficacy of netarsudil versus brimonidine in eyes already being treated with anti-ocular hypertensive medication](#): May 4th (Poster)

Title: [The Efficacy of Netarsudil - Post-approval Reality](#): May 4th (Poster)

Title: [Tolerability and Persistence with Netarsudil Containing Regimens in Patients with Primary and Secondary Glaucomas](#): May 3rd (Poster)

Title: [Evaluation of various Rho-Associated Kinase \(ROCK\) inhibitors on the attachment and proliferation of primary corneal endothelial cells](#): May 3rd (Poster)

Title: [Topical netarsudil for the treatment of canine corneal endothelial degeneration](#): May 3rd (Poster)

Title: [Punctal stenosis associated with topical netarsudil use](#): May 4th (Poster)

Title: [Effect of the Rho-kinase Inhibitor Netarsudil on Corneal Neovascularization in an Alkali-Burn Mouse Model](#): May 1st (Poster)

Title: [Effects of long-term application of topical ROCK inhibitor on corneal endothelium and Descemet's membrane of TAZ deficient mice](#): May 3rd (oral session)

About Aerie Pharmaceuticals, Inc.

Aerie is a pharmaceutical company focused on the discovery, development and commercialization of first-in-class ophthalmic therapies for the treatment of patients with eye diseases and conditions including open-angle glaucoma, dry eye, diabetic macular edema (DME) and wet age-related macular degeneration (wet AMD). Aerie's first novel product, Rhopressa[®] (netarsudil ophthalmic solution) 0.02%, a once-daily eye drop approved by the U.S. Food and Drug Administration (FDA) for the reduction of elevated intraocular pressure (IOP) in patients with open-angle glaucoma or ocular hypertension, was launched in the United States in April 2018. In clinical trials of Rhopressa[®], the most common adverse reactions were conjunctival hyperemia, corneal verticillata, instillation site pain and conjunctival hemorrhage. More information about Rhopressa[®], including the product label, is available at www.rhopressa.com. Aerie's second novel product for the reduction of elevated IOP in patients with open-angle glaucoma or ocular hypertension, Rocklatan[®] (netarsudil (0.02%) and latanoprost ophthalmic solution (0.005%)), was launched in the United States in May 2019. In clinical trials of Rocklatan[®], the most common adverse reactions were conjunctival hyperemia, corneal verticillata, instillation site pain and conjunctival hemorrhage. More information about Rocklatan[®], including the product label, is available at www.rocklatan.com. More information on Aerie Pharmaceuticals is available

at www.aeriepharma.com.

Forward-Looking Statements

This press release contains forward-looking statements for purposes of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. We may, in some cases, use terms such as "predicts," "believes," "potential," "proposed," "continue," "estimates," "anticipates," "expects," "plans," "intends," "may," "could," "might," "will," "should," "exploring," "pursuing" or other words that convey the uncertainty of future events or outcomes to identify these forward-looking statements. Forward-looking statements in this release include statements regarding our intentions, beliefs, projections, outlook, analyses or current expectations concerning, among other things, our commercial franchise and our pipeline, any guidance or timelines and our ongoing and anticipated preclinical studies and clinical trials. By their nature, forward-looking statements involve risks and uncertainties because they relate to events, competitive dynamics, industry change and other factors beyond our control, and depend on regulatory approvals and economic and other environmental circumstances that may or may not occur in the future or may occur on longer or shorter timelines than anticipated. We discuss many of these risks in greater detail under the heading "Risk Factors" in the quarterly and annual reports that we file with the Securities and Exchange Commission (SEC). Forward-looking statements are not guarantees of future performance and our actual results of operations, financial condition and liquidity, and the development of the industry in which we operate may differ materially from the forward-looking statements contained in this press release. Any forward-looking statements that we make in this press release speak only as of the date of this press release. We assume no obligation to update our forward-looking statements whether as a result of new information, future events or otherwise, after the date of this press release.

View source version on [businesswire.com](https://www.businesswire.com/news/home/20220426006059/en/): <https://www.businesswire.com/news/home/20220426006059/en/>

Media:

Carolyn McAuliffe

cmcauliffe@aeriepharma.com

(949) 526-8733

Investors:

LifeSci Advisors on behalf of Aerie Pharmaceuticals, Inc.

Hans Vitzthum

hans@lifesciadvisors.com

(617) 430-7578

Source: Aerie Pharmaceuticals, Inc.