



NEWS RELEASE

Alpine Immune Sciences Presents New Translational Data on Acazicolcept in Systemic Lupus Erythematosus at American College of Rheumatology Convergence 2023

11/13/2023

-- Phase 2 Study in SLE (Synergy) Ongoing --

SEATTLE--(BUSINESS WIRE)-- **Alpine Immune Sciences, Inc.** (NASDAQ: ALPN), a leading clinical-stage immunotherapy company focused on developing innovative treatments for autoimmune and inflammatory diseases, announced today that the Company presented new translational data for acazicolcept (ALPN-101) in systemic lupus erythematosus (SLE) at the American College of Rheumatology Convergence 2023, November 10-15, 2023.

Acazicolcept Presentation Highlights Include:

- Acazicolcept target-related genes (ICOS, CD80, CD86) are upregulated in the T and B cells of SLE patients compared to healthy adults.
- Acazicolcept suppresses expression of genes associated with T cell activation and/or implicated in the pathogenesis of SLE more potently than inhibitors of the CD28 or ICOS pathways.
- Acazicolcept reduces pathogenic hypergammaglobulinemia and glomerular IgG deposition in a mouse model of lupus.

"These data reinforce the importance of multiple key pathways in the pathogenesis of SLE and further support the potential for acazicolcept, a first-in-class molecule, in its treatment," said Stanford Peng, M.D., Ph.D., President and Head of Research and Development at Alpine. "Because CD28 and ICOS are closely related receptors that can both

mediate T cell costimulation, inhibition of both may be required to provide optimal outcomes in multiple autoimmune diseases. Clinical investigation of acazicolcept for the treatment of SLE, such as in our ongoing phase 2 study, Synergy, continues to be supported.”

American College of Rheumatology Convergence 2023

Date/Time: Sunday, November 12, 2023, 9:00 am – 11:00 am PT

Poster Title: Dual Blockade of ICOS and CD28 with Acazicolcept (ALPN-101) Reveals Non-Redundant Roles of T Cell Co-Stimulation Pathways in Systemic Lupus Erythematosus

Abstract ID: 1553700

Session Name: SLE – Treatment Poster I

Location: Exhibit Hall, San Diego Convention Center, San Diego, CA

Presenter: Elizabeth Repash, M.S., Alpine Immune Sciences

Link to Poster: <https://bit.ly/3QPjR5D>

About Acazicolcept (ALPN-101)

Acazicolcept (ALPN-101) is a first-in-class, dual inhibitor of the CD28 and ICOS T-cell costimulatory pathways being developed for treatment of systemic lupus erythematosus (SLE). By simultaneously blocking two key costimulatory pathways, acazicolcept has the potential to improve outcomes in patients suffering from severe autoimmune/inflammatory diseases. Preclinical studies have demonstrated efficacy in models of SLE, Sjögren’s syndrome, arthritis, inflammatory bowel disease, multiple sclerosis, type 1 diabetes, uveitis, and graft versus host disease.

About Alpine Immune Sciences

Alpine Immune Sciences is committed to leading a new wave of immune therapeutics. With world-class research and development capabilities, a highly productive scientific platform, and a proven management team, Alpine is seeking to create first- or best-in-class multifunctional immunotherapies via unique protein engineering technologies to improve patients’ lives. Alpine has entered into strategic collaborations with leading global biopharmaceutical companies and has a diverse pipeline of clinical and preclinical candidates in development. For more information, visit www.alpineimmunesciences.com. Follow @AlpineImmuneSci on **X** and **LinkedIn**.

Forward-Looking Statements

This release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, Section 21E of the Securities Exchange Act of 1934 and the Private Securities Litigation Reform Act of 1995. These

forward-looking statements are not based on historical fact and include statements regarding our platform technology and potential therapies; the timing of and results from clinical trials and preclinical development activities; clinical and regulatory objectives and the timing thereof; expectations regarding the sufficiency of cash, cash equivalents, restricted cash, and investments to fund our planned operations through 2025; the potential efficacy, safety profile, future development plans, addressable market, regulatory success, and commercial potential of our product candidates; our ability to achieve additional milestones in our collaborations and proprietary programs; the progress and potential of our ongoing development programs; the timing of our public presentations and potential publication of future clinical data; the efficacy of our clinical trial designs; anticipated enrollment in our clinical trials and the timing thereof; expectations regarding our ongoing collaborations; and our ability to successfully develop and achieve milestones in our development programs. Forward-looking statements generally include statements that are predictive in nature and depend upon or refer to future events or conditions and include words such as “may,” “will,” “should,” “would,” “expect,” “plan,” “intend,” and other similar expressions, among others. These forward-looking statements are based on current assumptions that involve risks, uncertainties, and other factors that may cause actual results, events, or developments to be materially different from those expressed or implied by such forward-looking statements. These risks and uncertainties, many of which are beyond our control, include, but are not limited to: clinical trials may not demonstrate safety and efficacy of any of our product candidates; our ongoing discovery and preclinical efforts may not yield additional product candidates; our discovery-stage and preclinical programs may not advance into the clinic or result in approved products; any of our product candidates may fail in development, may not receive required regulatory approvals, or may be delayed to a point where they are not commercially viable; we may not achieve additional milestones in our proprietary or partnered programs; the impact of competition; adverse conditions in the general domestic and global economic markets; the impact of pandemics, or other related health crises on our business, research and clinical development plans and timelines and results of operations, including the impact on our clinical trial sites, collaborators, and contractors who act for or on our behalf; as well as the other risks identified in our filings with the Securities and Exchange Commission. These forward-looking statements speak only as of the date hereof and we undertake no obligation to update forward-looking statements, and readers are cautioned not to place undue reliance on such forward-looking statements.

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