



## PRESS RELEASE

# Kineta Chief Scientist to Speak on Dalazatide Clinical Results, Potential Therapy for Autoimmune Diseases at Basel Life Science Week

***Dalazatide is first in class, potent inhibitor of Kv1.3 potassium channel; new research shows promise in lupus***

Seattle, WA September 21, 2015-- Kineta, Inc., a biotechnology company focused on the development of immune modulating drugs for critical diseases, today announced that its Chief Scientific Officer, Dr. Shawn Iadonato will give an update on dalazatide clinical trial results during the *Peptide Therapeutics* session at the international Basel Life Sciences Week conference in Basel, Switzerland, September 23. Dr. Iadonato will report on safety, tolerability, pharmacodynamics and immunomodulating proof-of-concept data for dalazatide from a recent Phase 1B clinical trial in patients with active plaque psoriasis. Over 3,000 pharma researchers from 50 countries are expected to attend the conference.

Dalazatide, (formerly ShK-186) is a potent inhibitor of the Kv1.3 potassium channel, and a first in class drug candidate. It has demonstrated potential to selectively target autoimmune disease-causing cells while leaving intact the protective immune response.

The Kv1.3 channel has been implicated in a variety of autoimmune diseases through its expression on specific cells of the immune system known as effector memory T cells. These cells are important players in orchestrating inflammation in a number of diseases including psoriasis, rheumatoid arthritis, multiple sclerosis, type 1 diabetes and lupus. Effector memory T cells depend on the Kv1.3 channel for their function; dalazatide is the first drug specifically targeting this channel to enter clinical development.

Kineta, in partnership with Seattle Children's Research Institute is also studying dalazatide as a potential therapy for lupus , one of the most serious manifestations of lupus. Research in lupus over the last few years has demonstrated that T cells are critical mediators of organ damage in lupus.

[Link to poster abstract](#)

### **About dalazatide**

Dalazatide (formerly ShK-186) has a novel mechanism of action (MOA). Preclinical and clinical data have shown that dalazatide is a selective and potent blocker of the voltage-gated Kv1.3 potassium channel - a key channel in the activation of effector-memory T cells. Effector memory T cells are implicated in the pathology of many autoimmune diseases. Dalazatide was the first specific Kv1.3 inhibitor advanced into human clinical trials. Dalazatide is being studied as a potential therapy for autoimmune diseases including lupus, ANCA Vasculitis, multiple sclerosis, psoriasis, psoriatic arthritis, rheumatoid arthritis, type 1 diabetes, inflammatory bowel diseases, asthma, atopic dermatitis and autoimmune eye diseases.

**Kineta, Inc.** is a Seattle-based privately held biotechnology company specializing in clinical advancement of novel drug candidates derived from leading edge scientific research. Our world class scientists are pioneers in developing life-changing classes of new drugs designed to be more effective and safer than current medicines. Kineta seeks to improve the lives of millions of people suffering from autoimmune and viral diseases and from severe pain. Our progressive business model focuses on targeting unmet medical needs

and rapid achievement of important clinical milestones. For more information on Kineta, Inc. visit our website, [www.Kinetabio.com](http://www.Kinetabio.com)

NOTICE: This document contains certain forward-looking statements, including without limitation statements regarding Kineta's plans for future research and development activities. You are cautioned that such forward-looking statements are not guarantees of future performance and involve risks and uncertainties inherent in Kineta's business which could significantly affect expected results, including without limitation progress of drug development, ability to raise capital to fund drug development, clinical testing and regulatory approval, developments in raw material and personnel costs, and legislative, fiscal, and other regulatory measures. All forward-looking statements are qualified in their entirety by this cautionary statement, and Kineta undertakes no obligation to revise or update any forward-looking statement to reflect events or circumstances after the issuance of this press release.

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