KalVista Pharmaceuticals to Present Data at Upcoming Scientific Conferences

May 20, 2019

– Phase 1 Data on Oral Plasma Kallikrein Inhibitor KVD900 for Potential On-Demand Treatment of HAE Attacks to be Presented –

CAMBRIDGE, Mass. & SALISBURY, England--(BUSINESS WIRE)--May 20, 2019-- KalVista Pharmaceuticals, Inc. (NASDAQ:KALV), a clinical stage pharmaceutical company focused on the discovery, development, and commercialization of small molecule protease inhibitors, announced that data has been accepted for presentation at both the C1 Inhibitor Deficiency and Angioedema Workshop in Budapest, Hungary and European Academy of Allergy and Clinical Immunology (EAACI) Congress in Lisbon, Portugal.

“We are excited to present more Phase 1 data on KVD900, our oral plasma kallikrein inhibitor in development for on-demand treatment of hereditary angioedema, or HAE,” said Andrew Crockett, Chief Executive Officer of KalVista. “Our Phase 2 clinical trial of KVD900 is still expected to have data late this year. We remain committed to providing options for patients to manage their disease with oral medicines.”

C1 Inhibitor Workshop Presentations:

- **KVD900, a new oral on-demand treatment of hereditary angioedema attacks achieves complete plasma kallikrein suppression: safety, tolerability, pharmacokinetic and pharmacodynamic results from a phase 1 first-in-human study**
  Saturday, May 25, 2019 from 11:00-12:30 CEST, Oral 25

- **High plasma exposures of KVD900 achieved in First in Human study markedly inhibit plasma prekallikrein activation; early blockade of plasma kallikrein (PKa) may halt attacks in hereditary angioedema (HAE) by reducing contact system activation**
  Saturday, May 25, 2019 from 2:30-4:00 pm CEST, Poster 35

EAACI Poster:

- **Rapid and Nearly Complete Suppression of Plasma Kallikrein Activity with the Oral Inhibitor KVD900: Results of a Phase 1 Study Evaluating KVD900’s Potential as a Treatment for Acute Attacks of HAE**
  Tuesday, June 4, 2019 from 10:30-12:00 pm WEST
  PDS #21, Mediators in anaphylaxis and angioedema, Zone B

About KalVista Pharmaceuticals, Inc.
KalVista Pharmaceuticals, Inc. is a pharmaceutical company focused on the discovery, development, and commercialization of small molecule protease inhibitors for diseases with significant unmet need. The initial focus is on inhibitors of plasma kallikrein, which is an important component of the body’s inflammatory response and which, in excess, can lead to increased vascular permeability, edema and inflammation. KalVista has developed a proprietary portfolio of novel, small molecule plasma kallikrein inhibitors initially targeting hereditary angioedema (HAE) and diabetic macular edema (DME). The Company has created a structurally diverse portfolio of oral plasma kallikrein inhibitors and is advancing multiple drug candidates for HAE as well as DME. The Company has selected KVD900 as its program to be advanced as an on-demand therapy for HAE attacks and commenced a Phase 2 proof-of-concept study in HAE patients in late 2018. In DME, KalVista’s most advanced program, an intravitreally administered plasma kallikrein inhibitor known as KVD001, began a Phase 2 clinical trial in 2017 that is anticipated to complete in the second half of 2019.

For more information, please visit www.kalvista.com.

Forward-Looking Statements
This press release contains "forward-looking" statements within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by words such as: "anticipate," "intend," "plan," "goal," "seek," "believe," "project," "estimate," "expect," "strategy," "future," "likely," "may," "should," "will" and similar references to future periods. These statements are subject to numerous risks and uncertainties that could cause actual results to differ materially from what we expect. Examples of forward-looking statements include, among others, available funding, our cash runway and future clinical trial timing and results. Further information on potential risk factors that could affect our business and its financial results are detailed in the annual report on Form 10-K filed on July 30, 2018 and other reports as filed from time to time with the Securities and Exchange Commission. We undertake no obligation to publicly update any forward-looking statement, whether written or oral, that may be made from time to time, whether as a result of new information, future developments or otherwise.

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