December 10, 2019
SymBio Pharmaceuticals Limited
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Representative Director
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(Securities Code: 4582)

Onconova Announces Data from the INSPIRE Trial and Updated Oral Rigosertib Data at the American Society of Hematology (ASH) 2019 Annual Meeting

TOKYO, Japan, December 10, 2019 -- SymBio Pharmaceuticals Limited (Headquarters: Tokyo, "SymBio") today announced that its U.S. licensor for Rigosertib, Onconova Therapeutics, Inc., (Headquarters: Newtown, PA, "Onconova") announced on December 9, 2019 (EST) that Onconova presented genomics data from the INSPIRE Trial (the international trial of Phase 3 IV Rigosertib) at the 61st American Society of Hematology (ASH) Annual Meeting. In addition, updated data from the Phase 2 Trial of Oral Rigosertib + Azacitidine (AZA) Versus Single Agent AZA in Treatment-Naive Patients with HR-MDS was presented in an oral presentation. The updated data from the Phase 2 Trial informs the design of a planned adaptive clinical trial in HMA naïve HR-MDS.

Key topics covered in Onconova's announcement:

- Genomic Profiling at Study Entry in Patients with Higher Risk Myelodysplastic Syndrome (HR-MDS) Following Hypomethylating (HMA) Failure: Results From the INSPIRE Trial, including RAS and other Mutations
- New Data Presented at the ASH 2019 Annual Meeting Provides Insights for Potential Future Development Plans for Oral Rigosertib
- Oral Presentation of Updated Data on the Novel Combination of Oral Rigosertib + Azacitidine (AZA) Versus Single Agent AZA in Treatment-Naive Patients with HR-MDS
- 3 Additional Abstract Presentations at ASH 2019 Annual Meeting

For more information, please see Onconova's website:
investor.onconova.com/press-releases

Patients with high-risk MDS who are refractory to HMAs have limited treatment options, and there is an extremely high unmet medical need for patients who respond inadequately to existing therapies. In collaboration with Onconova, SymBio has been conducting the international Phase 3 INSPIRE Trial designed to assess the efficacy and safety of intravenous rigosertib and steadily advancing the enrollment of patients in Japan. SymBio also plans to participate with respect to Japan in an

Onconova planned international clinical trial for oral rigosertib in combination with azacitidine in HMA naïve HR-MDS patients.

About myelodysplastic syndromes (MDS)

MDS patients often require frequent blood transfusions due to the development of severe anemia (decrease in the number of red blood cells), with a high rate of progression to acute myelogenous leukemia (AML). The number of MDS cases is expected to increase as the population ages. MDS and AML are widely recognized as two blood disorders that are difficult to manage given the limited therapeutic options available for patients. A high unmet medical need clearly exists for the establishment of new effective therapies to treat both lower-risk and higher-risk MDS. The number of drug-treated MDS patients is estimated to be approximately 11,000 in Japan at male to female ratio of 2 to 1. The majority of the patients are elderly.

About Rigosertib

Rigosertib is a small molecule inhibitor that has a new mechanism of action: it inhibits the activation of Ras as an oncogene-related product, thereby blocking the action of multikinases, including PI3K, and inhibits cellular signaling in cancer cells necessary for their survival and proliferation, thus killing cancer cells. SymBio licensed the development and commercialization rights for Rigosertib from Onconova in July, 2011 for Japan and Korea.

About Onconova Therapeutics, Inc.

Onconova Therapeutics, Inc. is a clinical-stage biopharmaceutical company focused on discovering and developing novel products to treat cancer. Onconova's clinical and pre-clinical stage drug development candidates are derived from its extensive chemical library and are designed to work against specific cellular pathways that are important in cancer cells, while causing minimal damage to normal cells. In addition to Rigosertib, Onconova's most advanced drug candidate under development, two other drug candidates are in clinical trials and several other compounds are in the pre-clinical stage of development. For more information, please visit Onconova's website at: www.onconova.com/

About SymBio Pharmaceuticals Limited

SymBio Pharmaceuticals Limited was established in March, 2005 by Fuminori Yoshida who previously served concurrently as Corporate VP of Amgen Inc. and founding President of Amgen Japan. In May, 2016 the Company incorporated its wholly-owned subsidiary in the U.S., called SymBio Pharma USA, Inc. (Headquarters: Menlo Park, California, President: Mr. Fuminori Yoshida). The Company's underlying corporate mission is to "deliver hope to patients in need" as it aspires to be a leading global specialty biopharmaceutical company dedicated to addressing underserved medical needs.