



## TG Therapeutics, Inc. Announces Clinical and Preclinical Data Presentations at the 23rd Congress of the European Hematology Association

June 15, 2018

NEW YORK, June 15, 2018 (GLOBE NEWSWIRE) -- TG Therapeutics, Inc. (NASDAQ:TGTX), today announced the presentation of an integrated analysis of long term safety data of umbralisib (TGR-1202), the Company's PI3K delta inhibitor, either dosed as a single agent and in combination, in patients with relapsed or refractory lymphoid malignancies, as well as the first preclinical data presentation of TG-1701, the Company's orally available and covalently-bound BTK inhibitor. Data from these trials are being presented today during the 23<sup>rd</sup> Congress of the European Hematology Association (EHA).

Michael S. Weiss, the Company's Executive Chairman and Chief Executive Officer, stated, "We are extremely pleased to present updated data from our integrated safety analyses of umbralisib. There is a generally held belief that severe toxicities are more common following 6 months of exposure on a PI3K delta inhibitor. While this has held true for first generation delta inhibitors, we are pleased to present data from 177 patients on daily umbralisib for more than 6 months, ranging upwards of 5+ years, and believe the long-term follow-up data demonstrates that umbralisib has a differentiated safety profile, uniquely distinct from prior generation PI3K delta inhibitors." Mr. Weiss continued, "The differentiated safety profile of umbralisib is critical as we think about potential triple and quad combination strategies, especially in combination with our novel, proprietary BTK inhibitor, TG-1701, for which we also presented some exciting pre-clinical data. The kinase profile of TG-1701 looks quite competitive with the most specific BTK inhibitors and more selective than ibrutinib. We look forward to seeing more data on TG-1701 and expect to open a TG sponsored Phase 1/2 trial later this year."

Highlights from today's presentations include the following:

### ***Poster Presentation: Long term integrated safety analysis of umbralisib (TGR-1202), a PI3K delta/CK1-epsilon inhibitor with a differentiated safety profile in patients with relapsed/refractory lymphoid malignancies***

This presentation builds on a prior integrated analysis of 347 patients with relapsed or refractory lymphoid malignancies presented last year. The presentation includes data that were pooled from 4 completed or ongoing Phase 1 or 2 studies containing umbralisib, focusing on 177 patients who have been on daily umbralisib for a minimum of 6 months. Patients were heavily pretreated, with 45% of patients having seen 3 or more prior lines of therapy.

Highlights from this poster include:

- Umbralisib continues to exhibit a differentiated safety profile compared to prior generation PI3K delta inhibitors
- 177 patients have been treated with daily umbralisib for 6+ months, with a median duration of exposure of 1.3 years, and 33% patients on drug 2+ years and the longest patients on daily umbralisib for over 5 years
  - Serious adverse events occurring in >1% of patients were limited to pneumonia (3%), diarrhea (2%), and cellulitis (2%)
  - Only 2% of patients discontinued as a result of diarrhea/colitis after being on umbralisib for more than 6 months
  - Discontinuations due to other adverse events (AEs) of interest for prior generation PI3K inhibitors were also rare

### ***Poster Presentation: TG-1701 is a novel, orally available, and covalently-bound BTK inhibitor***

- TG-1701, a novel, specific and covalent BTK inhibitor, is more selective than ibrutinib toward a set of kinases
- BTK occupancy assays in vitro and in vivo suggest that 100% occupancy can be reached using low doses of TG-1701 in human dose escalation clinical trial
- In pre-clinical experiments, TG-1701 inhibited the phosphorylation of BTK and other kinases downstream of the BCR pathway.
- In cellular and animal models of b-cell malignancies, TG-1701 demonstrated similar antitumor efficacy to ibrutinib and acalabrutinib

### **PRESENTATION DETAILS**

The above referenced presentations are now available on the Publications page, located within the Pipeline section, of the Company's website at [www.tgtherapeutics.com/publications.cfm](http://www.tgtherapeutics.com/publications.cfm).

### **ABOUT TG THERAPEUTICS, INC.**

TG Therapeutics is a biopharmaceutical company focused on the acquisition, development and commercialization of novel treatments for B-cell malignancies and autoimmune diseases. Currently, the company is developing two therapies targeting hematological malignancies and autoimmune diseases. Ublituximab (TG-1101) is a novel, glycoengineered monoclonal antibody that targets a specific and unique epitope on the CD20 antigen found on mature B-lymphocytes. TG Therapeutics is also developing umbralisib (TGR-1202), an orally available PI3K delta inhibitor. The delta isoform of PI3K is strongly expressed in cells of hematopoietic origin and is believed to be important in the proliferation and survival of B-lymphocytes. Both ublituximab and umbralisib, or the combination of which is referred to as "U2", are in Phase 3 clinical development for patients with hematologic malignancies, with ublituximab also in Phase 3 clinical development for Multiple Sclerosis. Additionally, the Company has recently brought its

anti-PD-L1 monoclonal antibody into Phase 1 development and aims to bring additional pipeline assets into the clinic in the future. TG Therapeutics is headquartered in New York City.

### **Cautionary Statement**

Some of the statements included in this press release or in the abstracts mentioned in this press release may be forward-looking statements that involve a number of risks and uncertainties. For those statements, we claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995. Among the factors that could cause our actual results to differ materially are the following: our ability to successfully and cost-effectively complete preclinical and clinical trials; the risk that early clinical trial results (both safety and efficacy), that may have supported the acceptance of our data for presentation or influenced our decision to proceed with additional clinical trials, will not be reproduced in future studies or in the final presentations; the risk that the differentiated tolerability profile for umbralisib observed will not be reproduced in full presentations or later larger studies; the risk that umbralisib is not a differentiated PI3K delta inhibitor; the risk that the combination of ublituximab (TG-1101) and umbralisib (TGR-1202), referred to as U2, and being studied in the UNITY clinical trials and other studies, will not prove to be safe and efficacious for any indication or will not prove to be a safe and efficacious backbone for future triple or quad therapies; the risk that we will not open a TG sponsored Phase 1/2 trial of TG-1701; the risk that we will not study the triple combination of ublituximab, umbralisib and TG-1701 and other risk factors identified from time to time in our reports filed with the Securities and Exchange Commission. Any forward-looking statements set forth in this press release speak only as of the date of this press release. We do not undertake to update any of these forward-looking statements to reflect events or circumstances that occur after the date hereof. This press release and prior releases are available at [www.tgtherapeutics.com](http://www.tgtherapeutics.com). The information found on our website is not incorporated by reference into this press release and is included for reference purposes only.

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