

Eveliqure initiates clinical safety, immunogenicity trials of vaccine candidate against Shigellosis, ETEC in Bangladesh

VIENNA, AUSTRIA, December 18, 2023

[/EINPresswire.com/](https://EINPresswire.com/) -- Eveliqure Biotechnologies GmbH, a clinical stage biotechnology company, announces the commencement of a Phase 1b clinical trial with ShigETEC, its vaccine candidate against shigellosis and Enterotoxigenic E. coli (ETEC) diseases, in Bangladesh.



Shigella and ETEC are leading bacterial causes of diarrhoeal diseases worldwide, causing an estimated 200 million diarrhoea cases in children under five years of age. Infection with Shigella and ETEC can cause stunted growth among children, which has been linked to detrimental long-term health, developmental, and economic outcomes. No effective vaccines against these two pathogens exist and previous attempts to develop vaccines against Shigella and ETEC have failed.

Eveliqure is developing ShigETEC both as a vaccine for children living in developing countries and for travellers to endemic regions. ShigETEC is a live, attenuated oral vaccine candidate that was demonstrated to be well-tolerated and safe across all dose groups tested in a Phase 1a clinical trial conducted in Hungary. The placebo-controlled, dose-escalating, age-descending Phase 1b clinical study will focus on assessing the safety, tolerability and immunogenicity of ShigETEC at the icddr,b (International Centre for Diarrheal Disease Research, Bangladesh) Clinical Trials Unit in Mirpur, Dhaka Metropolitan area, Bangladesh. The vaccine candidate will be first tested in healthy adult volunteers and subsequently in healthy children (2-5 years), toddlers (12-23 months) and infants (6-11 months). These activities are supported by the EU-funded SHIGETECVAX international consortium of several organizations - Eveliqure Biotechnologies, icddr,b, the European Vaccine Initiative, University of Gothenburg, and PATH.

Gábor Somogyi, MD, MBA, Chief Executive Officer of Eveliqure, commented "The initiation of the Phase 1b clinical trial is a pivotal moment for Eveliqure and represents a significant stride towards our goal of providing a safe and effective vaccine against Shigella and ETEC. Bangladesh, with its unique epidemiological landscape, offers an ideal setting for assessing our vaccine's performance in a population where the diseases are endemic and we are particularly glad to have this study run at the icddr,b's leading endemic clinical study site. We are optimistic about the potential impact of our vaccine on public health in this region and beyond."

Evelique is currently preparing for Phase 2 clinical trials in the U.S., under a U.S. government contract (#75N93020C00048) from the National Institute of Allergy and Infectious Diseases (NIAID), part of the U.S. National Institutes of Health. This contract funds the Phase 2 testing of ShigETEC in controlled human challenge models to assess the prophylactic efficacy against Shigella and ETEC infections.

* * *

ABOUT EVELIQUE

Evelique is a clinical-stage Austrian biotechnology company that has developed a proprietary vaccine technology platform aiming at improving the quality of life for both the poor and the privileged by providing innovative medical solutions to fight diarrhoeal diseases. Lead by a team of experienced scientists and entrepreneurs, Evelique is committed in driving the development of novel technologies to make the world safe from diarrhoea.

Evelique is resident at CEBINA, the Central European Biotech Incubator and Accelerator (www.cebina.eu). Evelique has received funding from the Austrian Research Promotion Agency (FFG) under grant numbers 845251, 851641, 858478 and 865576.

The Phase 1b trial in Bangladesh and the SHIGETECVAX Project have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 815568 and from the Wellcome Trust under award number 212399/C/18/Z.

The Phase 2 clinical trials and the ShigETEC Programme have been funded in whole with Federal funds from the National Institute of Allergy and Infectious Diseases, National Institutes of Health, Department of Health and Human Services, under Contract No. 75N93020C00048.

www.evelique.com

Sophie Zettl, PhD

Evelique Biotechnologies GmbH

+43 676 3731595

sophie.zettl@evelique.com

Visit us on social media:

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/675793180>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.