

NEWSLETTER

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First Tox Study for Nanologica's Inhalation Platform NLAB Spiro® Completed

Nanologica has completed the first study within the tox program for the inhalation platform NLAB Spiro®. The program now continues with further studies.

NLAB Spiro® is Nanologica's technology platform for inhalation. To validate the safety of the platform, toxicity studies are conducted in several steps and the first study has now been completed. Results from the sub-study are expected to be presented during the third quarter.

During the second half of the year, the program continues with more studies, including studies with interesting APIs for inhalation, in order to demonstrate the versatility of the platform and to identify candidates for further development. The first preclinical Proof of Concept studies are expected to be completed in 2021.

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About Nanologica AB (publ)

Nanologica manufactures, develops, and sells nanoporous silica particles for applications within life science. Nanologica is world-leading in controlling the shape, size, porosity, and surface characteristics of silica particles. Through the two business areas, Drug Development and Chromatography, the company strives towards increasing the accessibility for innovative treatments and medicines in healthcare for the betterment of mankind. In Drug Development, the company is committed to leverage its technology platform to solve medical problems in order to provide new treatments for patients with severe lung diseases. In Chromatography, the aim is to make insulin available to more patients in need by reducing the production cost for manufacturers. Nanologica operates from the headquarters in Södertälje, Sweden and Nanologica's stock (NICA) is listed on Spotlight Stock Market. For further information, please visit www.nanologica.com.

About NLAB Spiro®

NLAB Spiro® is Nanologica's technology platform for inhalation. The platform is constituted of biologically degradable nanoporous silica particles that can be loaded with APIs inside the pores of the particles. The particles are spherical, non-aggregating and appears as a free-flowing powder. The aerodynamical properties are tailored for inhalation and the particle size ranges between 2 µm and 5 µm, which means they can reach a desired part of the lung – the smaller the particle, the deeper into the lung it can reach. Once reaching the lung, the API is released giving a treatment effect locally. NLAB Spiro™ can improve solubility and/or the bioavailability of an API, protect an API from degradation, provide a controlled release profile, and enable local treatment with lowered systemic effects, which creates new treatment options for lung diseases.