



SenzaGen and RIFM begin part two of the GARD®skin Dose-Response program

Lund, July 12, 2021

SenzaGen is launching part two of a project together with the Research Institute for Fragrance Materials (RIFM) to determine the dose at which a fragrance ingredient can be used without inducing skin allergy. With the support of a new grant of SEK 0.6 million from RIFM, SenzaGen will test additional substances with the unique GARD®skin Dose-Response assay.

The program on the safe use of fragrances began in the spring of 2021 when SenzaGen tested several substances for RIFM with satisfactory results. In the second round of tests, which runs until the end of 2021, RIFM wants to test more fragrance ingredients to get detailed information on skin sensitizers and the dosage at which they may induce sensitization.

“We are pleased to be able to contribute to this important project and look forward to our continued collaboration with RIFM”, says Axel Sjöblad, CEO of SenzaGen. “Through the project, the fragrance industry will receive valuable information about skin sensitizing fragrance ingredients while actively supporting sustainable and ethical development in the test market. The fact that the independent Expert Panel for Fragrance Safety was impressed by the results in the first part of the project confirms the strength of the GARD® technology and that our unique method meets important needs in the industry.” (The Expert Panel for Fragrance Safety is an independent, international team of researchers and academics with no ties to the fragrance industry.)

“Together with the Expert Panel, we have decided to continue testing priority fragrances for which we want more data,” says Mihwa Na, PhD, Senior Scientist at RIFM. “Part one of the program returned impressive results. The information we obtained will be used to determine whether GARD®skin Dose-Response is appropriate for predicting the safe use levels of the fragrance materials.”

Since 2020, SenzaGen and RIFM have also collaborated on the continued development of an application that can assess whether fragrance materials could induce skin allergies when exposed to sunlight (photosensitization). The collaborators will present scientific data from this project at the World Congress on Alternatives and Animal Use at the Life Sciences Conference on August 23–September 2, 2021.

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About RIFM

Established in 1966, the Research Institute for Fragrance Materials (RIFM) generates, analyzes, evaluates, and distributes data to provide a scientific basis for the safe use of fragrances. RIFM has compiled the most comprehensive, worldwide source of toxicology data, literature, and general information on fragrance and flavor raw materials. RIFM's Fragrance Ingredient Safety Assessment program draws from its comprehensive database of over 75,000 references and more than 135,000 human health and environmental studies.

RIFM assesses the safety of fragrance ingredients by the most current, internationally accepted guidelines—and has done so since its founding. The Expert Panel for Fragrance Safety, an independent, international team of researchers and academics with no ties to the fragrance industry, reviews all of RIFM's work before RIFM submits it for peer-reviewed publication in a reputable scientific journal. RIFM makes all of its published, peer-reviewed work—current and historical—available for free at fragrancematerialsafetyresource.elsevier.com.

About us

SenzaGen is a Swedish biotech company that provides state-of-the-art non-animal tests for assessing a substance's allergenicity. The GARD® test method combines genomic data from human cells with machine learning for a unique capability to identify and analyze whether a chemical could cause allergic reactions on the skin or in the respiratory tract. With excellent predictivity, GARD® meets needs in several industries and helps companies develop, produce and deliver safer, ethical and more sustainable products. GARD® tests are performed in SenzaGen's GLP-approved lab and by select partners in Europe and the US. SenzaGen has its headquarters in Lund, Sweden and a subsidiary in the US. For more information, please visit: www.senzagen.com.

SenzaGen is listed on Nasdaq Stockholm First North (ticker: SENZA), and FNCA Sweden AB, +46(0)8-528 00 399, info@fnca.se, is the company's Certified Adviser.

Attachments

[SenzaGen and RIFM begin part two of the GARD@skin Dose-Response program](#)