

News Release - collaborative project

"Packagings bioactive nano composites to ensure food safety and extend shelf life"

Nano Brand (formerly SK Nano) is proud to announce that a collaboration agreement has been reached



with Monique Lacroix, Professor and Director of The Science Research Laboratory, Applied to Food at the Armand-Frappier Health Biotechnology Centre at INRS, for the project titled

"Packagings nano bioactive composites to ensure safety and extend food retention time". This project, with a total value of \$275,250, received financial support from the Natural Sciences and Engineering Research Council of Canada (NSERC). Nano Brand's financial contribution is 55% of total contribution through cash and in-kind contributions. The 3-year project, which began in the spring of 2019, will be completed in the spring of 2022.

Being involved in research on food biofilms as well as on the antimicrobial effects of plant extracts, Prof. Lacroix and his research team, was the best choice for this project. This collaboration will allow us to make great progress in developing synergy between our silver nanoparticles and plant extracts for their anti-microbial effects opening the door to many industrial applications. It will also help develop the basis of our new technology for the use of silver nanoparticles as an antifungal and antimicrobial preservative. This technology is part of our new technology portfolio to come in 2021-2022.



Professor Lacroix



Dr Moskovchenko

Our Director Dr. Lana Moskovschenko would like to acknowledge the technical excellence of the laboratory and the team of Prof. Lacroix, postdoctoral fellow Dr. Shiv Shankar, his research assistant Stéphane Salmieri as well as Students Tofa Haydar and Jumana Mahmud. She is very happy at the thought of the outcome of this agreement, which will result in a fine collaboration industry- university research institute. We would like to thank NSERC and INRS, Armand-Frappier Health Centre and Biotechnology to have confidence in this project. Thanks to the link between our company and Professor Lacroix's team, we are convinced that he will be a huge success and technological success for the continuation of our commercialization activities.

