

Global Vaccines & Vaccination Summit & B2B

November 01-02, 2017 | Toronto, Canada

***B. subtilis* spores as mucosal adjuvants**

Veronica Donato


National University of Rosario, Argentina

B. *subtilis* spores have received growing attention because of their potential in biotechnology, including vaccine development. There are only a few studies using these probiotic bacteria as a vaccine delivery system or as an adjuvant itself. For this reason, with my lab team, I decided to study *B. subtilis* spores as a potential candidate to solve some of the problems of current vaccines such as the need of refrigeration systems, needles and syringes and booster dose. I will present some of our data and a review of what is known about this probiotic bacteria that can help us improving the immunization world.

Speaker Biography

She is a Postdoctoral fellow National University of Rosario. School of Biochemistry. CONICET. Molecular Microbiology Lab. Mentor: Roberto Grau, PhD C. elegans and Bacillus subtilis. Studies on host-bacteria interactions: aging, gut, immune and nervous system. Neurobiology. PDS38 CONICET Projects. My postdoctoral research focused on studying the microbiota effects in C. elegans gut, immune and nervous systems. Moreover, my project studied the effects of biofilm proficiency, nitric oxide and bacterial quorum sensing molecules in C. elegans aging process

e: drverodonato@gmail.com

 Notes: