



## PRESS RELEASE

### **Vésale Pharma presents a major breakthrough in the development of immunity.**

Vésale Pharma, in partnership with Professor Flamand and her research team at the Institute of Medical Immunology (ULB), have obtained highly promising results for the development of immunity in very young individuals.

**Namur, Belgium - November 17, 2023** - Vésale Pharma, a company marketing innovative probiotic solutions for the well-being, announces, with Professor Flamand and her team, a major breakthrough in the mode of action of maternal probiotics on the development of immunity in very young individuals.

The resulting patent (no. WO 2023/209224) relates to the prevention of respiratory infections. Supported by Wallonia's Win2Wal project, it has been shown that the administration of probiotic bacteria - *Lactobacillus rhamnosus* Imupronat® - owned by Vésale Pharma, helps to limit the onset of allergic reactions in an individual's future life. Pre-clinical studies have been extremely positive, as demonstrated by the first scientific publication in the 1st half of 2023.

The strain supplied by Vésale Pharma, combined with an original and rigorous protocol, has enabled the partners to identify the cellular mechanisms of action that offer the prospect of preventing respiratory pathologies through the maternal intake of beneficial probiotics.

Titouan Vesters, COO of Vésale Pharma, is convinced that this patented discovery is the start of new treatments. "The benefits of probiotics supplied directly from the mother to her offspring suggest that we will be able to limit many respiratory pathologies in the next few years, i.e. in around 5 years after the necessary clinical studies."

"The study of the mode of action of maternal probiotics on the development of newborn immunity, with the positive results obtained in the pre-clinical phase, heralds major benefits and serious prospects for the use of probiotics to improve anti-infectious defenses and control allergic reactions in early childhood," says Prof. Véronique Flamand, an immunologist with recognized expertise in the field of neonatal immunity.



About Vésale Pharma:

Vésale Pharma is a pioneer in the field of probiotics, based in Namur (B). Since 1996, it has been developing, producing and selling probiotic solutions based on the latest scientific discoveries. Vésale Pharma owns several strains and patents, and markets a very wide range of products targeting digestive, pediatric, immune and women's health.

About the Institute of Medical Immunology:

The Institute for Medical Immunology (IMI) is a research institute of the Faculty of Medicine of the Université Libre de Bruxelles. It was created with the support of the Walloon Region and GSK Biologicals to build a knowledge platform dedicated to medical immunology. This platform aims to provide new immuno-intervention concepts for human diseases by integrating basic and clinical research. Through its participation in several research networks, it contributes to the development of Wallonia in the context of the European Research Area.

Sources: Université Libre de Bruxelles website.

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