



Labo'Life, pharmaceutical laboratory
leader in
micro-immunotherapy



A pharmaceutical company at the forefront of micro-immunotherapy

About us

Labo'Life is an **international pharmaceutical group** engaged in the research, production and distribution of micro-immunotherapy medicines: an immunotherapy based on low doses and ultra low-doses of immunoregulatory substances.

Micro-immunotherapy is a therapy that focuses on restoring and/or optimising communication between immune system cells that is essential for its proper functioning.

Labo'Life was created in 1992, **more than 25 years ago**, in order to provide a biopharmaceutical framework to micro-immunotherapy; a therapeutic concept that was conceived and developed in the 1960s by the Belgian doctor and researcher Dr. Maurice Jenaer.



At Labo'Life, we are at the heart of micro-immunotherapy development, to make it grow for the service of patients and doctors.

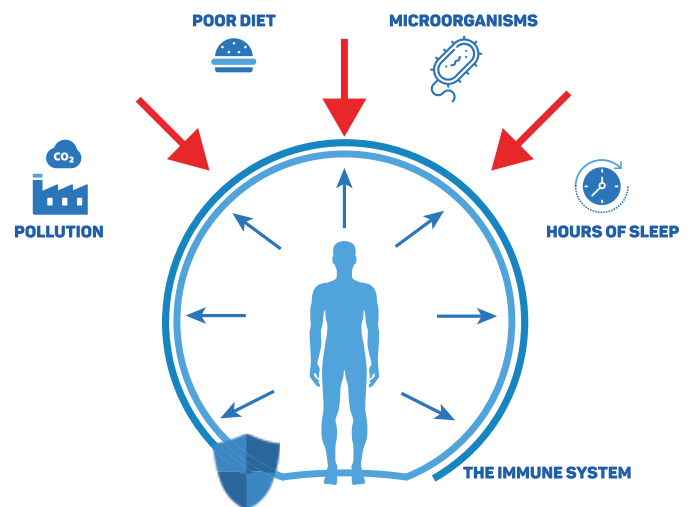
Our vision of health

At Labo'Life we believe that our body is much more than just the simple sum of systems and organs. A good health is the consequence of a precise, physical and psycho-emotional balance, with the influence of several factors, mainly including:

- genetic inheritance,
- environmental surroundings (pathogens, toxins, electromagnetic fields, etc.),
- social surroundings (our way of relating to others),
- lifestyle (diet, stress, exercise, sleep quality, etc.).

To face these internal and external influences, our body has a **high self-regulation and adaptation capacity**, where the immune system plays a critical role.

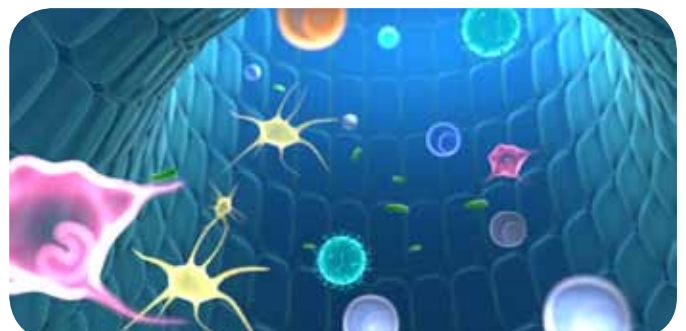
However, sometimes this capacity is reduced or overwhelmed, causing the appearance of diseases. Therefore, Labo'Life has always worked with the conviction that, to be able to help patients restore their health on a long-lasting basis, a **therapeutic approach needs to be implemented that takes into account the immune system, key pillar of our health.**



Our medicines are designed to support and recover the effectiveness of the immune system, within a global therapeutic strategy that takes into account the circumstances and specific needs of the patient.

What is micro-immunotherapy?

Micro-immunotherapy is a **low and ultra low-dose immunotherapy**. Therefore, it is based on **immunomodulation**, as it uses the same messengers as the immune system (cytokines, hormones, growth factors, nucleic acids) to transmit information to the body and help it recover and/or maintain its adequate function.



Our medicines

Characteristics of micro-immunotherapy medicines

- Micro-immunotherapy medicines use a **wide range of immune substances in complex formulas, unlike classical immunotherapy.**
- These are prepared **in low and ultra low-doses**, thus ensuring their good tolerability.
- Depending on whether stimulation, modulation or inhibition of its effects on the body is desired, **the concentration of active substances used can vary within the same formula.**
- To respect the natural physiology of the body, **the substances are administered following a specific sequence**, mimicking the cell communication systems organised in signalling pathways with sequential steps.
- They are administered **sublingually**, allowing the active substances to be uptaken directly by the lymphatic system, which is particularly dense under the tongue.

Medicine ingredients

Specifically, our medicines contain:

- Immunocompetent substances, such as cytokines, chemokines or growth factors.
- General nucleic acids (RNA and DNA).
- SNA[®] specific nucleic acids: small synthesised oligonucleotides that serve to counteract the expression of a gene involved in a particular disease or disorder. The therapeutic innovation that SNA[®] represent has been patented by Labo'Life.



The actives substances of micro-immunotherapy medicines are mainly produced by **biotechnology techniques**, free from any component of human or animal origin, **under a strict quality control and always in compliance with the pharmaceutical good manufacturing practices (GMP)**. In fact, we were one of the few pharmaceutical companies to develop production processes of this type of proteins and to have a GMP certificate of compliance to produce them.

Therapeutic areas

Micro-immunotherapy can be used in **pathologies that are a consequence of an imbalance in the immune system**. The fields of application of micro-immunotherapy medicines are very broad and stem from their components and the dilutions used. In general terms, they can be included in the following therapeutic areas:

- Autoimmune diseases
- Infections
- Joint disorders
- Degenerative and chronic diseases
- Oncology
- Disorders related to stress and ageing

For their good tolerability, micro-immunotherapy medicines can be used alone or in combination with other treatments.

Our commitment to research and innovation

Labo'Life is a pharmaceutical company at the forefront of micro-immunotherapy. We are committed to continuous research and development of production processes of our medicines and raw materials, considering the latest advances in medicine, immunology and technology. Our R&D department develops and optimises the processes of extraction and purification of the active substances used in our medicines, in compliance with the high standards of quality and purity. These activities are fulfilled by biotechnology techniques such as **recombinant DNA technology**.



From Labo'Life we also launch basic and clinical research lines that seek to confirm, by means of reliable and reproducible experimental data (*in vitro and in vivo*), the mode of action and the immuno-regulatory effect of micro-immunotherapy medicines.



Where to find us

Labo'Life has different research, production and/or distribution units in Europe: Labo'Life España, Labo'Life France, Labo'Life Belgium and Labo'Life Italia, in which more than 100 employees work.

Labo'Life España and Labo'Life Belgium are the two production units of the group.

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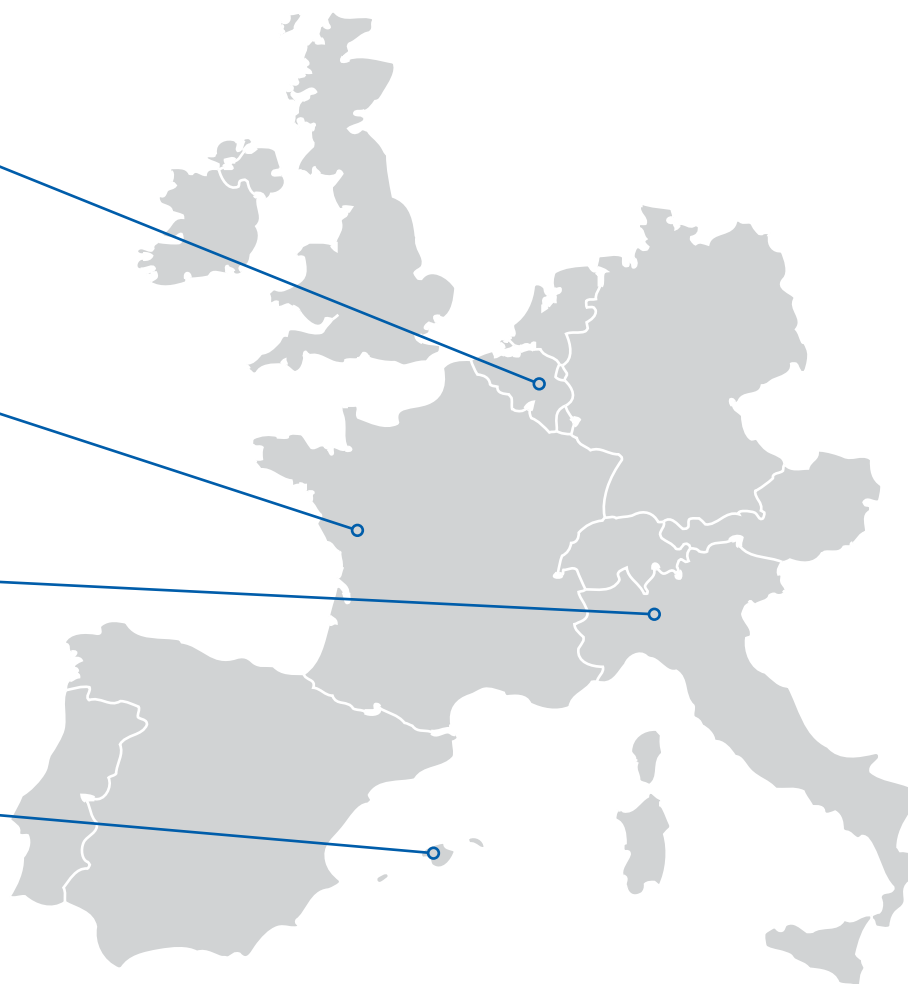
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