Genetics for people

My Pharma

BASIC

OPTIMISE AND **PERSONALISE** YOUR TREATMENTS USING **GENETICS**

Personalized medicine

In a broad sense, this term may be defined as medicine specifically tailored to each individual. In contrast to tradicional medicine, the focus is not on a group or set within the population, but on each person, ensuring that treatments are best suited to the specific individual characteristics of each patient.

This concept is closely related to understanding the patient's genetics, since both the genome and the environment are responsible for the phenotype of the individual, which is the set of visible characteristics that an individual presents as a result of the interaction between their genotype and the environment.

Pharmacogenetics

Pharmacogenetics studies genetic variability associated with response to medication in order to optimise its safety and efficacy.

The availability of this genetic information allows determination of the most appropriate medication for each patient and a greater precision in adjusting the dose to be administered. In other words, knowing this genetic variability helps to optimise the pharmacological treatment for each patient in a personalised way. This process increases the efficacy of the treatment and avoids possible adverse reactions.
This is especially relevant in severe diseases, where it is crucial to ensure the efficacy of the treatment and minimise the risk of toxicity.

What is MyPharma for?

The MyPharma test determines the presence/absence of problematic genetic variants associated with a wide range of medicines. This genetic information shows:

- Which medicine and/or at what dose offers the best therapeutic benefits.
- Which medicine and/or at what dose adverse reactions are less likely to occur.

Who is MyPharma for?

All people who are going to receive a pharmacological treatment included in the MyPharma test and those who are already receiving treatment with any of the medicines analysed and show adverse reactions and/or an ineffective response.

What does MyPharma analyse?

The test analyses genetic markers involved in the pharmacokinetics and pharmacodynamics of a wide range of medicines from a saliva sample. Specifically, genes involved in drug transport, activity and metabolism.

MINIMISE RISKS AND MAXIMISE BENEFITS OF MEDICATION

This provides information on the response to commonly used drugs in the treatment of cardiovascular, infectious and respiratory diseases, inflammatory processes, rheumatology, immunosuppression, neuropsychiatry, analgesia and others.

Meet MyPharma:

- A genetic test that determines the presence/absence of problematic genetic variants associated with a wide range of medicines.
- It helps to establish a **more effective and safer pharmacological treatment** by characterising the patient's response to a wide range of medicines.
- MyPharma is a **non invasive test.** The DNA is obtained from a saliva sample, which is completely painless and is suitable for any person of any age.
- MyPharma analyses genetic markers with the highest level of **scientific evidence**.
- MyPharma requires **only a single test**, as genetics do not change throughout life.
- Innovative technology for greater robustness and accuracy of analysis.
- MyPharma test results are available within **20 days**.