

Company Profile



DF Medica

DF Medica was established in 2004 in Bergamo, Italy, as a company involved in the field of Life Sciences, conducting research and experimentation of products related to health and wellness. Since the sequencing of the entire human genome, which had taken place in those years, DF Medica dedicated its activities to the research and development of products and solutions based on the analysis of the individual genetic makeup with predictive purposes, thus interpreting the growing interest of medical science for preventive medicine.

At first the backbone of DF Medica's research was represented by the possibility to investigate the individual predisposition to common diseases, such as those related to the cardiovascular system and to the autonomic nervous system. However, all this led to the development of what would become DF Medica's primary interest.

All began with the popular quote from Hippocrates (IV cent. B.C.) "Let food be thy medicine and medicine be thy food". This ancient principle is ever true in the era of DNA sequencing. If medicine is the best medicine available, it is mandatory to know our body's true needs and such investigation is only possible through genetic analysis.

Progress in scientific knowledge and technology is fundamental within this process. Moreover, the speed at which science and technology advance represent a constant stimulus for our future challenges. On the one hand the increase of high-impact international research studies provides the framework used by DF Medica's scientific équipe to identify new analysis panels and build evaluation algorithms. On the other, advances in technology allow to analyze ever more complex panels and progressively approach the extraordinary complexity of the human body.

DF Medica is a company part of the Finlinea Group.



Our Mission

“I have always been fascinated by diversity in nature because it is exactly through the merging of different cultures that mankind has found the energies to create new things. Thus, diversity is an asset humanity must safeguard and protect. Scientific research is providing us with tools to help us understand the mechanisms that underlie such diversity: this opens a new opportunity for the world of production. The Group's mission is to find personalized solutions to maintain health and well-being for a longer time thanks to products that meet the variety of individual needs.”

DIEGO CAPPONI
Chairman for the FINLINEA GROUP

Markets

DF Medica develops its business through the internationalization of its products, which are customized in order to meet the specific needs of each geographical destination thanks to the constant and rigorous interface with field professionals. All our products are, in fact, destined to practitioners only. This choice is motivated by our respect for their qualifications, experience and for the indisputable contribution of their direct contact with patients. All these factors are essential for building the added value which allows for true personalization through scientific rigour.

DF Medica is currently present on European and South American markets.



Project Framework

The areas of interest investigated by DF Medica and its medical-scientific board can be summarized in four main sectors: Genetics, Metabolism Analysis, Preventive Medicine and the Science of Nutrition. The latter represent four key sectors for the definition of the iGenesis project, that lives of the interaction of different - however complementary - skills, all aimed at achieving and maintaining health and wellness.

- Genetics and molecular biology are the main branches of science that deal with the ever more detailed and complex investigation of the human genome. The purpose of this branch of science is to analyse individual genetic profiles and identify specific traits and the related implications.
- The biochemical investigation of cell compounds, such as proteins, carbohydrates, lipids and nucleic acids, is fundamental for understanding the complex system of chemical reactions known by the name of Metabolism.
- Prevention is a current primary objective for Societies that are involved in the phenomenon of the lengthening of people's lifespan and are experiencing the social costs related to the typical diseases of ageing populations and of lifestyles in industrialized Countries.
- The Science of Nutrition studies the nutritional value of food products with the purpose of identifying energy and nutritional intakes necessary for life and for safeguarding health.



Development

The medical-scientific board coordinated by [Prof. Giovanni Scapagnini, PhD](#), gathers the variety of medical, genetic and biochemical expertise strongly connected to the issues related to the lengthening of human lifespan. Such issues concern broader aspects than mere youthful aesthetic appearance, as the true aim is the achievement of a longer and healthier life.

DF Medica relies on the Universities of Bari and Salerno as centres for the analytical study of international research works. Their purpose is to identify the genetic frequencies in the population and to define the evaluation algorithms for the selected genetic panels.

An international pool of practitioners, such as medical doctors, dietitians and nutritional therapists rely on the genetic panels developed by DF Medica for optimizing the nutritional intervention on their patients.

To the present date DF Medica has carried out over 10.000 genetic tests.

Technology

DF Medica uses the Array genetic analysis on Illumina technology which allows for the contemporary analysis of up to 3,000 SNPs per sample. Today the knowledge about the genetic heritage has passed the stage in which each SNP was assigned a specific action, in fact, the current panel definition consists of extended panels in which polymorphisms of different genes contribute to the modulation of a common objective.



The Scientific Advisory Board

- **Prof. Giovanni Scapagnini, MD, PhD**

Board Director, Associate Professor of Clinical Biochemistry and Clinical Molecular Biology, University of Molise, Italy.

- **Prof. Alessandro Weisz, MD**

Professor of General Pathology, Medicine and Surgery department, University of Salerno, Italy.

- **Prof. Donald Craig Willcox, MHSc, PhD**

Professor of International Public Health and Gerontology at Okinawa International University in Okinawa, Japan.

- **Dr. Fabio Sallustio, MD, PhD**

Researcher at the Policlinico di Bari – University of Bari

- **Dr. Adrian Fabio Zanolli, MD**

Biologist and nutrition practitioner, specialized in food related intolerances. Researcher at the Biochemistry of Inflammation Laboratory of the “Mario Negri” Institute, Bergamo, Italy

- **Dr. Ferruccio Balducci, MD**

Master Degree in Pharmacy, final thesis in “Sport Nutrition”. Certified postgraduate courses in the pharmacokinetics and pharmacodynamics of phytotherapeutic extracts in compound formulations.



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