

Personalized Medicine

Different Stages of P7 MEDICINE

P1. Predictive Cellular Testing

(Prediction of diseases development risk at very primary molecular stages before clinical symptoms)

P2. Preventive Healthcare

(Applying adequate diet and lifestyle to avoid probable diseases)

P3. Precision Medicine

(Precision diagnosis using the individuals' biological data)

P4. Point-of-Care Testing

(Developed analysis methods used to facilitate sampling and sample transferring time)

P5. Personalized Treatment

(Determination of the best individual treatment method for each person based on cases' molecular and genetic properties)

P6. Personalized Monitoring

(Patient monitoring during and after treatment in order to avoid probable recurrence)

P7. Patient Management

(Gathering all the experts and physicians together close to patient to manage the whole process from the first diagnostic steps to the end)

P7 MEDICINE

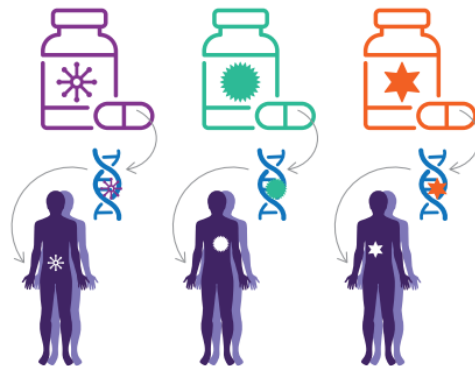
Personalizing Medicine

About Us

International Center for Personalized Medicine (P7MEDICINE) was founded in 2018 by a group of scientists, who have precious expertise and brilliant history in genetics, medicine and cell/stem cell therapy in worldwide. Our aim is to not only enable people around the world to have better understanding of their health condition (obesity, mood disorders, talents, beauty and skincare, and risk of being affected by variety of diseases), but also to light on more efficient treatment options to help physicians dealing with complicated cases such as different kinds of cancer, using the latest clinical diagnostic and prognostic methods, devices, our genetic knowledge and unique analysis algorithms.

Introduction

Although physical, mental, and social wellbeing are the parameters used by WHO to define "health", it has been shown molecular changes appear, sometimes years earlier, before diagnosis of any clinical symptom.^{1,2} Therefore, it seems health definition and distinction of a healthy and unhealthy person might have to be revised.³ ICPM has generated a special system based on novel science and technology through developing a new interactive and proactive approach called P7MEDICINE. Nowadays, this approach presents an improved healthcare system trying to pass conventional health borders.



Concept of Personalized Medicine

Individualized Medical Services (prediction, diagnosis, prevention, treatment, and monitoring) are given to a person according to variability in gene, environment, and lifestyle for each individual, using the latest cellular and genetic technologies.⁴ These services are applicable to different disorders such as cancers, and cardiovascular, neurological, orthopedic, dermatological, neurological, orthopedic, dermatological, etc., disorders.

Based on our invention, personalized medicine is the package of 7 interconnected stages, among which "personalized patient management"⁵ is the most important stage consisting of Precision Diagnostic Management and Personalized Treatment Management.

Why Personalized Medicine?

- Precise and on time diagnosis
- Prediction
- Prevention
- Bypass trial & error method
- Enhanced efficiency
- Less side effect
- Achieving golden time
- Treatment monitoring
- After-treatment monitoring
- Less invasive procedures
- Managing future therapeutic strategy
- Reduced cost (most complex cases)

References

1. Hojman, Pernille, et al. "Molecular mechanisms linking exercise to cancer prevention and treatment." *Cell metabolism* 27.1 (2018): 10-21.
2. Akamatsu, Shusuke, et al. "Clinical and molecular features of treatment-related neuroendocrine prostate cancer." *International Journal of Urology* 25.4 (2018): 345-351.
3. Rawla, Prashanth, Tagore Sunkara, and Vinaya Gaduputi. "Epidemiology of pancreatic cancer: global trends, etiology and risk factors." *World journal of oncology* 10.1

(2019): 10.

4. Assary, Elham, et al. "Gene-environment interaction and psychiatric disorders: Review and future directions." *Seminars in cell & developmental biology*. Vol. 77. Academic Press, 2018.

5. Abdulfatah, Eman, et al. "Molecular classification of endometrial carcinoma applied to endometrial biopsy specimens: Towards early personalized patient management." *Gynecologic oncology* 154.3 (2019): 467-474.