

“Personalized and Precision Medicine (PPM) as national and international models of healthcare services of the newest generation: A Green Light Towards the innovations to secure Translational Resources”

Sergey Suchkov¹⁻⁶
Hiroyuki Abe⁸
Shawn Murphy⁷
Trevor Marshall⁶

¹Sechenov University

²Moscow Engineering Physical Institute (MEPhI), Russia

³EPMA., Brussels, EU;

⁴PMC, Washington, USA;

⁵ISPM, Tokyo, Japan;

⁶AHA, Houston, USA

⁷Autoimmunity Research Foundation, Los Angeles, USA

⁷Partners Healthcare and ⁸Harvard Medical School, Boston, USA

⁸ISPM, Tokyo, Japan

A new systems approach to diseased states and wellness result in a new branch in the healthcare services, namely, personalized and precision medicine (PPM). To achieve the implementation of PPM concept, it is necessary to create a fundamentally new strategy based upon the subclinical recognition of biomarkers of hidden abnormalities long before the disease clinically manifests itself.

Each decision-maker values the impact of their decision to use PPM on their own budget and well-being, which may not necessarily be optimal for society as a whole. It would be extremely useful to integrate data harvesting from different databanks for applications such as prediction and personalization of further treatment to thus provide more tailored measures for the patients resulting in improved patient outcomes, reduced adverse events, and more cost effective use of the latest health care resources including diagnostic (companion ones), preventive and therapeutic (targeted molecular and cellular) etc. A lack of medical guidelines has been identified by the majority of responders as the predominant barrier for adoption, indicating a need for the development of best practices and guidelines to support the implementation of PPM!

Implementation of PPM requires a lot before the current model “physician-patient” could be gradually displaced by a new model “medical advisor-healthy person-at-risk”. This is the reason for developing global scientific, clinical, social, and educational projects in the area of PPM to elicit the content of the new branch.

Article Information

Conference Proceedings: World Congress On Cancer Science and Therapy (Bangkok)

Conference date: 02-03 December, 2019

Inovineconferences.com

***Corresponding author:** Sergey Suchkov, Sechenov University and Moscow Engineering Physical Institute (MEPhI), Russia.

Citation: Suchkov S, Abe H, Murphy S, Marshall T (2019) Personalized and Precision Medicine (PPM) as national and international models of healthcare services of the newest generation: A Green Light Towards the innovations to secure Translational Resources. Int J Cancer Treat.

Copyright: © 2019 Suchkov S. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.