



Data Science in Health Care

Guest Editors:

Dr. Nadav Rappoport

nadavrap@bgu.ac.il

Prof. Dr. Yuval Shahar

yshahar@bgumail.bgu.ac.il

Dr. Hyojung Paik

hyojungpaik@kisti.re.kr

Deadline for manuscript
submissions:

8 August 2022

Message from the Guest Editors

Over the past decade, much health care data has been digitized, and the amount of it is tremendous and of high volume. There is a clear demand for tools and methods for mining clinical data and for generating new insights that can improve patients' health and health care systems.

Some of the challenges include handling the high volumes of data, the variety of sources of data, differences in standards of care across sites, data sharing while preserving data privacy, and analysis of unstructured data. New technologies and platforms also need to be effectively incorporated into useful clinical decision-support systems, including the increasing emergence of remote home-based care.

This Special Issue will include original theoretical and empirical studies, reviews, and opinions in the fields of data mining, machine learning, and AI in the context of healthcare. The purpose of this Special Issue is to serve the community as a unique and valuable reference source for researchers interested in the areas of data science and artificial intelligence, as these are applied to the various facets of medical care and medical research.

