Systems, Applications and Services for Smart Health

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Message from the Guest Editors

Dear Colleagues,

Changing infrastructure and new ICT developments are leading to new health services and applications. Mobile Health solutions and medical Internet of Things devices, together with clinical wearables, mobile Apps, fitness trackers, digital diagnostics, and mobile health monitoring, will provide increased levels of data about our health and lifestyle in a continuous manner. Health data measurements are shifting from infrequent to frequent information retrieval and providing additional information for medical technology-reported outcomes. Extracted digital biomarkers will feed prediction models which can simulate the short-term and long-term effects of established behavioral interventions in addition to simulating potential new interventions of interest. Based on the simulation results of these interventions, current care pathways can be adapted and personalized to specific patient contexts and phenotypic characteristics. As a direct result, instead of curing diseases, new health services can help to maintain health and a healthy lifestyle within a healthy environment.

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Special Issue

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Message from the Editor-in-Chief

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