## **EDITORIAL**

## **Applications of Advanced Computing Solutions for Healthcare Systems - Part 3**

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> solutions for integrating AI, machine learning models, medical image processing techniques, advanced network security methods, blockchain, AR/VR, and chatbots to build an efficient healthcare system, which can lead to a new, promising, and secure healthcare system. Additionally, this thematic issue aims to bring together researchers and practitioners to address several kinds of research and achievements in healthcare systems, intelligent healthcare, and remote monitoring applications.

> The thematic issue is organized into eight articles. The title of each of the articles is as follows:

Article 1 - Classification of Colorectal Cancer Using ResNet and EfficientNet Models

Article 2 - Artificial intelligence Approaches in Healthcare Informatics Toward Advanced Computation and Analysis

Article 3 - A Study of Machine Learning Algorithms Performance Analysis in Disease Classification

Article 4 - Lung Cancer Prediction and Classification Using Decision Tree and VGG16 Convolutional Neural Networks

Article 5 - Remote Disease Diagnosis through IoMT-Enhanced Blood Cell Classification with Deep Learning

Article 6 - An IoT-driven COVID and Smart Health





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## Check Monitoring System

Article 7 - MRI Brain Tumor Segmentation using Cuckoo-based Dimensionality Reduction and Ensemble

Convolutional Neural Network

Article 8 - A New Insight into Brain Tumor Image Classification Through MRI Images Using CNN Techniques