Diagnosis of Sleep Disorders Using Machine Learning Approaches

Guest Editors:

Dr. Alaa Sheta
Department of Computer Science, Southern Connecticut University, New Haven, CT 06515, USA

Dr. Salim R. Surani
Department of Medicine, Texas A&M University, Corpus Christi, TX, USA

Dr. Shyam Subramanian
Pulmonary Critical Care & Sleep Medicine, Sutter Health, Tracy, CA, USA

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Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on the latest research advancements in the application of machine and deep learning techniques for the diagnosis, prediction, and treatment of sleep disorders.

This Special Issue aims to focus on the utilization of machine and deep learning to solve the above-mentioned problem. This includes (but is not limited to) the following topics:

• Diagnosis and prediction of sleep apnea;

• Analysis of sleep data, including polysomnography, actigraphy, and other wearable technologies;

• Integration of machine and deep learning with other diagnostic techniques, such as imaging and biomarkers;

• Automatic analysis of signals related to sleep apnea, such as snoring sounds or oxygen saturation levels, to detect and classify sleep apnea events;

• Sleep apnea screening in high-risk populations for individuals w<false,>We look forward to receiving your submissions.

Sincerely,

Prof. Dr. Alaa Sheta
Dr. Salim R. Surani
Dr. Shyam Subramanian

Special Issue

Editor-in-Chief

Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

Message from the Editor-in-Chief

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