

Editorial for the Special Issue (2022) on “The Recent Advances in Computer Theory and Software Engineering on Covid-19 Pandemic and Incurable Killer Diseases”

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The regular full research-savvy computer-scientific theoretical and applied papers of original nature, not printed elsewhere, subject to peer-review, and of innovative nature to add to the existing state of knowledge on various past and current pandemics were received throughout the entirety of the year 2022, such as the still-risky *COVID-19* [1, 2], including the *Advancement of Hospital/Healthcare Information Sciences & Networking* [3].

Also, currently, Incurable Killer Diseases including the physical and neurological diseases of our times such as *Brain*, and *Breast*, and *Lung Cancer* [4–6] and *Cardiovascular* [7, 8], Asthma, HIV/AIDS, Dementia (e.g. Alzheimer’s, Parkinson’s, Huntington’s and Vascular etc.), MS (Multiple Sclerosis), MD (Muscular Dystrophy), Motor Neuron Disorders such as ALS (Lou Gehrig’s Disease) to name a few among others, were of primary interest. These diseases’ cures as of yet non-existent, however, are still meticulously being sought by the world’s prominent institutes of epidemiologic and vaccination research centers such as CDC in USA. The goal of this Special Issue was what the ongoing global trends are, why and how to avoid the unprecedented misery triggered by diseases and disorders, and specifically, the current pandemics (SARS-CoV-2).

The IJCTE has also fully encouraged scientific methodologies (via *software*) and technologies (via *hardware*) in the realm of medicinal sciences, and received original contributions such as Microbiology, Molecular Biology, Bacteriology, Genomics, Pulmonology, and Obstetrics [9], Clinical Psychology, Applied Mathematical and Statistical Sciences (Operations Research, Data Mining, Sampling, Hypothesis Testing, Estimation, Empirical Bayesian, Safety and Reliability, Game Theoretic and Neural Network and Machine and Deep Learning frameworks...) and Immunology and similar, whereas also in peripheral real disciplines addressing the core issue of Pandemics’ and Incurable Killer Diseases’ Disaster Recognition, Mobilization and Remediation and Immunization, and post COVID-19 Recalibration efforts [10] but not limited to all above options.

Overall, the academic interest and eagerness toward this noble and global goal (while a relentless challenge has been announced by all nations during their SOTU-State of the Union and similar addresses at their own lands proper towards discovering vaccines to eradicate these disastrous pandemics and incurable killer diseases by the middle of the 21st century) have been phenomenal. Out of many more competing papers submitted, the below listed ten contributions were peer-reviewed following countless hours

of selfless efforts by scientists of all calibers, to whom the IJCTE Editorial Board and the Editors-in-Chief owe many thanks. Last but not the least, those contributions, not able to make the finish line, not necessarily were inadequate. However, due to the physical and digital space and time limitations, and the announced/extended deadline restrictions, they may not have been broken to print to the IJCTE’s regret. We sincerely encourage those authors to keep their academic *attitude-defines-altitude* motto for a future Special Issue to arrive shortly after a surprisingly original and calamitous pandemic has struck the globe in the year 2020.

The Editors-in-Chief profusely appreciate the IJCTE Exec. Comm. as well as the Editorial Board and anonymous selfless peer-reviewers from A to Z for staging a quality performance.

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