
Contributions and Impacts on Health Using New Technologies and Innovative Products

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This special edition of the Journal of Bioengineering and Technology Applied to Health brings a second selection of articles presented at the VI International Symposium on Innovation and Technology (SIINTEC). The SIINTEC happens since 2015. The event is annual and promoted by SENAI CIMATEC, Salvador, Bahia, Brazil. The VI SIINTEC focused on discussing challenges in science, technology, and innovation after COVID-19. We had to make changes and find immediate solutions to keep people together, and this connection provides us the opportunity of having qualified participants from all over the world sharing and building knowledge. The VI SIINTEC occurred in 2020 from October 21 till 23. The main point was providing the opportunity of joining the scientific and technological community to discuss innovation, researches, and advances promoted by the pandemic period and draw applicable conclusions to society's new routine.

Many researchers seek answers and solutions to questions and problems generated in the current pandemic scenario. Vaccine developments to combat the SARS-Cov-2 virus are being carried out by researchers around the world. But also, all scientific development, despite the difficulties imposed by quarantine, remains active. In this second volume of selected articles from VI SIINTEC 2020, the studies discussed developments involving the health impact of pollution, oil extraction, and characterization technologies, methods for characterizing and assessing water quality, and biotechnological processes.

The research presented here makes significant contributions about the evaluation of the deposition of nanoparticles in the human respiratory tract, technology as a pillar for essential oil green extraction, extraction and characterization of coffee silverskin oil, technological prospective study of green coffee processing, the effect of temperature on physical properties of Canadian maple, techniques, and methodologies used for the analysis of metals and organic compounds in wastewaters, graywater and rainwater, and the importance of occupational health and safety in biotechnological processes.

We wish you all an excellent reading.

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