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Operational Medicine Applications of Bioengineering

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Deadline for manuscript
submissions:

31 May 2024

Message from the Guest Editors

Dear Colleagues,

Operational medicine refers collectively to the delivery of healthcare under a wide range of challenging conditions including austere environments, conflict or war zones, climate change-forced migrations, extreme weather conditions such as arctic freeze and oppressive heat waves, and natural disasters such as hurricanes and earthquakes. Operational medicine is a concern for military medicine, rural medicine, disaster medicine, or any field which includes the delivery of health care under potentially extreme conditions with limited resources. Advances in bioengineering promise to solve the various issues encountered in operational medicine, enabling the proper monitoring of human health, the detection of environmental exposures, providing novel therapies, or even preventing injury.

This Special Issue invites papers that show advances in bioengineering that can benefit operational medicine by improving the prevention, delivery, detection, and/or treatment of injuries common to austere conditions.

Dr. Vincent B. Ho

Dr. J. Kenneth Wickiser

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mdpi.com/si/165835

Special Issue



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Message from the Editor-in-Chief

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