Animal Medical Engineering—I: Signal Acquisition and Analysis of Livestock Animals

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to gather current research from across the world that will drive animal behavior and welfare towards the new paradigm of livestock signal acquisition systems that is essential for production efficiency improvement. Near future, the extension of the current issue will be named as "Animal medical engineering-II", intend to use the data acquisition methodologies and analysis to improve the welfare of the livestock animals.

We are seeking original research papers about how technology can be used to acquire the signals of livestock animals for enhancing animal welfare. In addition, we are seeking technology that includes the development of models or algorithms for use in PLF systems such as bio signal analysis, machine learning, pattern recognition, etc. Moreover, topics may be related to smart farming, biological signal acquisition methodologies and analysis of the environmental impact on animal welfare.

Dr. Hyeon Tae Kim
Guest Editor

Special Issue

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Message from the Editor-in-Chief

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