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Title

Mathematics in Medicine

Presenter

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Abstract

In medical science, there are many questions that need to be answered in a scientifically sound way. Is a new treatment more effective than another? Is there a benefit to vaccinate against a disease and who should be prioritised? Are there specific risk factors associated with the occurrence of a disease? In addition, the COVID-19 pandemic has highlighted the need to answer important questions in real time and, in recent years, mathematical models have guided policy-making in the response to the pandemic. In this talk, we will discuss these questions and we will have a glimpse in the vast field of applications of mathematics in medicine.