

# Information technology in biomedical engineering

Joint publication ed. Tomasz Kocejko and Adam Bujnowski

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## Foreword

When searching for a word "medicine" in the encyclopedia one may find such explanation: *the science dealing with the preserving of health and with preventing and treating disease or injury* (ad for Cambridge dictionary) but in Latin, '**medicina**', also means "the art of healing". This shows that medicine is a field at the intersection of art and science.

Modern technology become an essential part of today's medicine. In this book "Information technology in biomedical engineering" we collected chapters that reveal frontier between medicine and technology showing how artificial intelligence, signal processing, technology and engineering can impact modern medicine.

In the scope of papers we decided to include one unique work, that gives explanation of biomedical engineering roots in Poland. This work reveals the history of Polish biomedical engineering and extraordinary personalities that stood behind it.

We truly hope that this book would be a pleasure to read and will bring new light on modern biomedical engineering!

Sincerely Yours  
Adam Bujnowski & Tomasz Kocejko  
editors



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