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(Eds.)



Proceedings of the 6<sup>th</sup> International Conference on  
Informatics & Data-Driven Medicine (IDDM 2023)

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This volume represents the proceedings of the 6<sup>th</sup> International Conference on Informatics & Data-Driven Medicine, held in Bratislava, Slovakia, in November 2023. It comprises 31 contributed papers that were carefully peer-reviewed and selected from 105 submissions.

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## Preface

We are pleased to present you the proceedings of the 6<sup>th</sup> International Conference on Informatics & Data-Driven Medicine, held in Bratislava, Slovakia, on November 17-19, 2023.

The main aim of the IDDM conference is a discussion of the recent research results in all areas of Computer Sciences in Medicine, Medical Data Retrieval, Finding the Hidden Associations within the complete set of data, and Intelligent Systems Development.

The Conference is soliciting literature review, survey, and research papers comments including, while not limited to, the following areas of interest:

- Bioinformatics for Healthcare Applications
- Analysis and Prediction for Covid'19 Data
- Big Data and IoT in Medical Applications
- Medical Image Processing
- Deep Learning Models in Healthcare and Biomedicine
- Machine Learning Approaches for Medicine
- IT-enabled Healthcare Services
- Complex Health Monitoring Systems
- Small Data Approaches in Medicine
- 

The Conference joined scientists from Ukraine, Czech Republic, Estonia, Germany, Algeria, France, Poland, India, UK, Canada, and Austria.

The language of the IDDM Conference is English.

Due to the COVID'2019 pandemic, the IDDM conference took the form of an online presentation of peer-reviewed individual papers.

The Organizing Committee received 105 submissions, 31 accepted for presentation as short and regular papers. These papers were published in this volume of IDDM 2023 proceedings.

The Conference would not have been possible without the support of many people. First, we would like to thank our partners: Eurizone project, public organization "Ukrainian scientific and educational IT society", CELTIC project, and Effectiveness of Medicine E-learning Distance Courses project. We want to thank the Program Chairs, organization staff, the members of the Technical Program Committees, and external reviewers for their excellent and tireless work. We sincerely wish that all attendees benefited scientifically from the Conference and wish them every success in their research. The humble wish of the conference organizers is that the professional dialogue among the researchers, scientists, engineers, and doctors continues beyond the event and that the friendships and collaborations forged will linger and prosper for many years to come.

November 2023

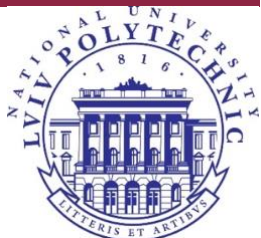
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[https://www.stuba.sk/english.html?page\\_id=132](https://www.stuba.sk/english.html?page_id=132)



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