

## PREFACE

### **International Scientific and Practical Conference «Innovations, Technological Solutions and Management in Modern Biotechnology and Biomedicine» ITSM - 2022**

We are pleased to present this collection of selected articles of the International Scientific and Practical Conference "Innovations, Technological Solutions and Management in Modern Biotechnology and Biomedicine". The conference was held on 20th of October 2022 at Federal State Budgetary Educational Institution of Higher Education «Pushchino State Institute of Natural Science» (Pushchino, Russia). The conference aimed at to share the results of research in the field of biomedicine and pharmaceutical biotechnology, bioengineering, food industry and cell technologies and assessment of trends in the development of modern advances in biotechnology, discussion of the issues of commercialization of research projects and the definition of modern approaches to the management of biotechnological processes.

The Conference includes following sections:

1. Trends in Applied Biotechnology
2. Biotechnology and biomedicine
3. Pharmaceutical biotechnology
4. Bioengineering and cell technologies
5. Food industry
6. Agrobiotechnology in crop and livestock production;
7. Bioengineering and agricultural machinery;
8. Biomedicine and drug discovery
9. Environmental biotechnology

The Conference has received about 98 abstracts, of which 60 have been accepted by our reviewers for presentation and only 47 full papers have been accepted for this publication. All papers submitted to the conference were peer-reviewed by two reviewers before being selected for publication.

We would like to express our high appreciation to the organizers, members of the program committees and reviewers of ITSM-2022 for their hard work.

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