



## EDITORIAL

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Dear Researchers and Readers,

I am very pleased to present to you the latest issue of the BAU Health and Innovation Journal. Thanks to the devoted work of our academic and technical team, this issue was possible to prepare. I would also like to express my sincere gratitude to our valuable authors and reviewers who encouraged scientific contributions and interdisciplinary collaboration.

In this issue of BAU Health and Innovation Journal, we see many valuable studies from various disciplines of health sciences. Gathering a wide range of publications from artificial intelligence to Vagus nerve stimulation under one roof brings us one step closer to our goal of becoming a platform that brings together perspectives from different disciplines. I believe these studies, with their innovative approaches and scientific depth, will make a significant contribution to our field.

This issue includes two reviews and four original research papers. Each study has been meticulously evaluated with the preliminary evaluation of our editors, peer review, and arrangements based on the feedback received. I believe this issue will encourage innovative perspectives in the field of health sciences and inspire valuable scientists. We hope that this issue, prepared with the passion to discover and share, will have a meaningful impact on the scientific community. We look forward to your future posts and are very excited to continue this journey of knowledge together.

2024 was a year in which significant developments were experienced in the field of health sciences and innovation, and at the same time, we tried to overcome many challenges on a global scale. While sustainability came to the fore in health systems in the post-pandemic era, the integration of artificial intelligence and biotechnology continued to transform diagnosis and treatment processes. In addition, the widespread adoption of digital health applications facilitated individuals' access to health services and paved the way for a more personalized understanding of health. As we enter 2025, our goal should be to carry these advances even further, increase scientific collaborations to produce sustainable solutions and build a healthier future for everyone. As BAU Health and Innovation Journal, we are honored to be a part of this mission and wish for the new year to bring greater scientific productivity, innovation, and collaboration.

Hoping that 2025 will be a year filled with health, peace, and prosperity for all humanity...

**Sincerely,**

**Asist Prof. Dr. Pelin Pişirici**