

PREFACE

IN SEARCH OF NEW TRENDS

MACIEJ STAWNY*

Department of Pharmaceutical Chemistry, Poznan University of Medical Sciences
Grunwaldzka 6, 60-780 Poznań, Poland

This issue presents a collection of selected papers from the *International Conference NEW TRENDS in Polish and global pharmacy: Science, business, and modern education*, which took place on September 29-30, 2022, Poznań, Poland. The conference aimed to develop an effective communication platform between science and business. Prominent specialists in science, education, and business who deal with the issues of developing bridges between these three sectors participated in the event. Scientific achievements, the latest research results, and the potential of medical universities as an offer for the pharmaceutical industry were presented.

The conference covered issues such as criteria determining effective cooperation between science and business from the perspective of scientists and pharmaceutical entrepreneurs, educating pharmacy students and directions for its development, activities stimulating the growth of cooperation, and directions related to the needs of the labor market, interdisciplinarity of the pharmacist profession, or innovative drugs.

The scientific pharmaceutical community is focused mainly on academia and, to a lesser extent, the pharmaceutical industry. The main assumption

of scientific research in the pharmaceutical area should be unmet medical needs (1, 2). Today, there is a shift from the research concept based on finding links between a drug and a disease in favor of looking for therapeutic solutions for specific diseases (2).

Pharmaceutical science should be understood as a set of basic sciences in the field of chemistry, biology, biochemistry, biophysics, and applied sciences, whose task is to explain the relationship between the mechanism of action of a drug and its structure and dealing with pharmaceutical technology, drug delivery systems, pharmacokinetics and pharmacodynamics of drugs. Interdisciplinary scientific projects combining the knowledge and experience of individual scientists may have a good chance of achieving scientific success in the search for therapeutic solutions focused on meeting unmet medical needs. The scientific papers presented in this issue are examples of such research.

REFERENCES

1. Vreman R.A., Heikkinen I., Schuurman A., et al.: *Value Health* 22, 1275 (2019).
2. Kusynová Z., Pauletti G.M., van den Ham H.A., et al.: *J. Pharm. Sci.* 111, 1318 (2022).



* Corresponding author: e-mail: mstawny@ump.edu.pl