

Ministry of Health of Ukraine  
Ministry of Education and Science of Ukraine  
National University of Pharmacy  
Biological chemistry Department



## CERTIFICATE OF PARTICIPATION

**MARIKA SULASHVILI** 

participated in the International Scientific and Practical Conference  
«**TOPICAL ISSUES OF EXPERIMENTAL AND CLINICAL BIOCHEMISTRY**»

OCTOBER 01, 2021 • KHARKIV, UKRAINE

and published scientific papers

- *MECHANISMS OF HEREDITARY PREDISPOSITION AND ENVIRONMENTAL TRIGGERS OF AUTOIMMUNE THYROIDITIS*
- *MOLECULAR AND BIOCHEMICAL MECHANISMS OF CELLULAR SENESCENCE IN THE SCOPE OF OXIDATIVE STRESS AND ANTIOXIDANTS*
- *THE PECULIARITIES OF PCSK9 INHIBITORS IN THE TREATMENT OF HYPERCHOLESTEROLEMIA*
- *THE SPECIFICITIES OF MOLECULAR, CELLULAR AND BIOLOGICAL MECHANISM OF ACTION COVID-19 VACCINES AND ITS PHARMACOTHERAPEUTIC PERSPECTIVES IN GENERAL*

Certificate provides at least a 0,3 ECTS credits to awarded participants for being involtmen.

Rector of the NUPh, prof.

Vice-Rector of Research  
and Development, prof.

Head of the Biological  
chemistry Department, prof.



Alla KOTVITSKA

Inna VLADIMIROVA

Vira KRAVCHENKO

<https://en.nuph.edu.ua/>  
<https://biochem.nuph.edu.ua/en/>

The conference is included in the register of congresses,  
symposia and scientific-practical conferences planned for 2021,  
registration certificate UkrINTEI No 413, dated 16.09.2020.

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