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



## **CERTIFICATE OF PARTICIPATION**

HALYNA TKACHENKO



participated in the International Scientific and Practical Conference **«TOPICAL ISSUES OF EXPERIMENTAL AND CLINICAL BIOCHEMISTRY»** OCTOBER 01, 2021 • KHARKIV, UKRAINE and published scientific papers

• LYSOSOMAL ACTIVITY IS AN IMPORTANT CHARACTERISTIC OF ETHANOL-INDUCED OXIDATIVE STRESS IN THE LIVER OF MICE: ROLE OF MELATONIN

• THE ANTIOXIDATIVE EFFECTS OF EXTRACTS DERIVED FROM STALKS AND ROOTS OF CHELIDONIUM MAJUS L. USING THE IN VITRO HUMAN BLOOD MODEL

Certificate provides at least a 0,3 ECTS credits to avarded 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



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