

**First place** in the Young Scientists Competition in Section “Life Sciences”

**Bubnov Rostyslav**, MD, PhD student, Center ultrasound diagnostics and interventional sonography, Clinical Hospital “Feofaniya” of State Affairs Department, Kyiv, Ukraine (supervisor R.Ya. Abdullaev, MD, Department of Ultrasound diagnostics Kharkiv Medical Academy of Postgraduate Education)

**Title of talk:** “Mathematical Modeling in Modern Ultrasonography”

**First place** in the Young Scientists Competition in Section “Mathematics”

**Zubchenko Volodymyr** 3-rd year PhD student at the Department of Probability theory, Statistics and Actuarial Mathematics, The Faculty of Mechanics and Mathematics, National Taras Shevchenko University of Kyiv, Kyiv, Ukraine

**Title of talk:** “The rate of convergence of Euler scheme for stochastic differential equations with non-Lipschitz diffusion and Poisson measure” (supervisor Mishura Yu.S., Department of Probability theory, Statistics and Actuarial Mathematics, The Faculty of Mechanics and Mathematics, National Taras Shevchenko University of Kyiv, Kyiv, Ukraine)

**First place** in the Young Scientists Competition in Section “Mathematics”

**Goriunov Andrii** 3-rd year PhD student at the Department of Nonlinear Analysis, Kyiv Institute of Mathematics NAS Ukraine, Kyiv, Ukraine

**Title of talk:** “On One-dimensional Differential Operators with Distribution Coefficients” (supervisor Mikhailets V.A., Department of Nonlinear Analysis, Kyiv Institute of Mathematics NAS Ukraine, Kyiv, Ukraine)

**Second place** in the Young Scientists Competition in Section “Life Sciences”

**Kyselova Olga** 2-rd year PhD student at Intercollegiate College of Medical Engineering, National Technical University of Ukraine “KPI”, Kyiv, Ukraine

**Title of talk:** “Methods of nonlinear dynamics for the analysis of heart rate variability” (supervisor Nastenko I.A. National M. Amosov Institute of Cardio-Vascular Surgery, National Technical University of Ukraine 'Kyiv Polytechnic Institute', Kyiv, Ukraine)

**Third place** in the Young Scientists Competition in Section “Life Sciences”

**Gaiday Alexander** Department of Organic Chemistry and Organic Compounds Technology, College of Chemical Technology, National Technical University of Ukraine 'Kyiv Polytechnic Institute', Kyiv, Ukraine

**Title of talk:** “Computational and Experimental Studies of New Cage Compounds - Potential Antiviral Drugs” (supervisor Shubina T.E., Computer-Chemie-Centrum, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany)

**Third place** in the Young Scientists Competition in Section “Mathematics”

Stiepanova Kateryna 1-st year PhD, Institute of Applied Mathematics and Mechanics of the National Academy of Sciences of Ukraine, Donetsk, Ukraine

**Title of talk:** “Long-time Extinction of Solutions for Some Quasilinear Parabolic Equations” (supervisor Shishkov A.E., Institute of Applied Mathematics and Mechanics of the National Academy of Sciences of Ukraine, Donetsk, Ukraine)

**Encouragement prizes, established by Materialize-Ukraine for the participants of the Young Scientists Competition, was granted to:**

**Alexey Grechanovsky**

Semenenko Institute of Geochemistry, Mineralogy and Ore Formation, National Academy of Sciences of Ukraine, Kyiv, Ukraine

**for the talk**

“Influence of elastic constants and chemical bonding on radiation stability of silicates and metal oxides by computer simulations”

**Mekler Alexey**

The Bonch-Bruевич Saint-Petersburg State University of Telecommunications, Saint-Petersburg, Russia

**for the talk**

“The Tumour Histologic Sections Processing With Diagnostic Purposes”

**Stukalin Vladislav**

Clinical hospital “Feofania” of Ukrainian State Administration

**for the talk**

“Implementation of Logical Schemes in Physiotherapeutic Department of the Clinical Hospital "Feofaniya"”

**Turianska Nataliya**

Limited Liability company Victoria Veritas

**for the talk** “A Model of Convulsive Reactions of the Brain According to Neurodynamics”