

Списък от участия в научни конференции

1. Постери на международни форуми:

1.1. Slovenian Chemical Days 2015, Ljubljana, Slovenia, 24-25.09.2015. „FRIT and XRF Study of Wall Paintings Originating From Rila Monastery“, B. Stamboliyska, S. Tapanov, D. Yancheva, Z. Glavcheva, E. Velcheva, B. Zlateva, R. Djingova;

1.2. Slovenian Chemical Days 2015, Ljubljana, Slovenia, 24-25.09.2015. „Applicability of ATR-FTIR spectroscopy to distinguish between parchments prepared in different ways“, D. Yancheva, N. Haralampiev, A. Popova, S. Stoyanov, Z. Glavcheva, L. Duta, C. Chelaru, L. Miu;

1.3. Slovenian Chemical Days 2015, Ljubljana, Slovenia, 24-25.09.2015. “Synthesis and spectral characterization of 3,6-dimethylmorpholine-2,5-dione”, E. Cherneva, D. Yancheva, B. Mikhova, A. Smelcerovic;

1.4. Slovenian Chemical Days 2015, Ljubljana, Slovenia, 24-25.09.2015. “FTIR and DFT Study of the Radical Anion of Dimethyl 3,3'-(5-nitro-2-thioxo-1H-benzo[d]imidazole-1,3(2H)-diyl)dipropionate”, N. Anastassova, D. Yancheva, S. Stoyanov, A. Ts. Mavrova;

1.5. 7th Black Sea Basin Conference on Analytical Chemistry (7th BBCAC) and National Spectroscopic Conference, Golden sands, Bulgaria, 10.09.2015 - 15.09.2015. „FTIR spectroscopic investigation of Thracian wall paintings from tombs and monumental buildings“, Z. Glavcheva, D. Guirdzhiiska, D. Yancheva, E. Velcheva, B. Stamboliyska, V. Todorov.

1.6. 41st International Symposium on Archaeometry, Kalamata, Greece, 15.05.2016 - 21.05.2016. „FTIR and Raman Spectroscopic investigation of mural Medieval paintings from Serdika Antique Cultural and Communications Complex“, Z. Glavcheva, D. Fischer, A. Lederer, D. Yancheva, B. Stamboliyska, V. Todorov;

1.7. 41st International Symposium on Archaeometry, Kalamata, Greece, 15.05.2016 - 21.05.2016. „Multi-analytical study on the frescoes of Kurilo Monastery St. Ivan Rilski“, E. Velcheva, Z. Glavcheva, N. Haralampiev, D. Yancheva, B. Stamboliyska, S. Tapanov.;

1.8. 41st International Symposium on Archaeometry, Kalamata, Greece, 15.05.2016 - 21.05.2016. „Characterization of wall painting materials from Rila Monastery (Bulgaria) by Raman and ATR-FTIR Spectroscopy“, D. Yancheva, D. Fischer, A. Lederer, Z. Glavcheva, E. Velcheva, N. Haralampiev, S. Tapanov.

1.9. 6th Congress of Pharmacy in Macedonia, Ohrid, Macedonia, 01.06.2016 - 05.06.2016. “Spectral analysis of extracts from hot red pepper (*Capsicum annuum* L.)”, Simonovska, J., Yancheva, D., Mikhova, B., Knez, Z., Primožic, M., Kavrakovski, Z., Rafajlovska, V.

1.10. 6th Congress of Pharmacy in Macedonia, Ohrid, Macedonia, 01.06.2016 - 05.06.2016. “Generation and combined study on the chemical structure of nitrofurantoin radical anion”, Popova, A., Stoyanov, S., Yancheva, D.

1.11. XXIV Congress of Chemists and Technologists of Macedonia, Ohrid, Macedonia, 11.09.2016 - 14.09.2016. Mikhova, B., Yancheva, D., Ballazhi, L., Rangelov, M., Imeri, F., Popovski, E., Jashari, A., Stojkovic, G., Mladenovska, K..
Molecular docking study on binding modes of isoxazolo- and thiazolohydrazilidene-chromane-2,4-ones with B-Raf kinase

1.12. 3rd International Cardioneurology and Hypertension Congress "Cardioneurology Up To Date" (KARNEF 2017), 11-13 May **2017** Pirot, Serbia. , “2-Imino-benzimidazoles and 1,3-thiazolo[3,2-a]benzimidazolones as xanthine oxidase inhibitors“, A. Šmelcerović, Ž. Šmelcerović, K. Tomović, G. Kocić, D. Yancheva, A. Ts. Mavrova.

1.13. 1st International Conference on Bio-antioxidants, Sofia, Bulgaria, 25-29 June **2017**. N. Anastassova, D. Yancheva, A. Mavrova, M. Kondeva-Burdina, V. Tzankova,
Hepatoprotective and antioxidant properties of novel hydrazone derivatives of the N,N'-disubstituted benzimidazole-2-thione synthesized as melatonin analogues and study of their mechanism of action.

1.14. 22nd Slovenian Chemical Days, 20-22 September **2017** Portoroz, Slovenia, N. Anastassova, S. Tapanov, S. Stoyanov, E. Velcheva, D. Yancheva, B. Stamboliyska, Pigments and organic binders from Rila monastery wall paintings identified by the application of a spectral database.

1.15. 22nd Slovenian Chemical Days, 20-22 September **2017** Portoroz, Slovenia. N. Anastassova, D. Yancheva, A. Mavrova, M. Kondeva-Burdina, V. Tzankova, Hepatoprotective and radical-scavenging properties of novel hydrazone derivatives of the N,N'-disubstituted benzimidazole-2- thione containing chloro and methyl moieties.

1.16. 9th International Congress on the Application of Raman Spectroscopy in Art and Archaeology (RAA2017), 24-28 October **2017** Evora, Portugal. D. Yancheva, S. Tapanov, B. Stamboliyska, E. Velcheva, Z. Glavcheva, S. Stoyanov, N. Haralampiev, D. Fischer, A. Lederer, Micro-Raman and ATR-IR spectroscopy analysis of pigments of mural paintings from the Rila Monastery complex (Bulgaria).

1.17. 9th International Congress on the Application of Raman Spectroscopy in Art and Archaeology (RAA2017), 24-28 October **2017** Evora, Portugal. D. Yancheva, N. Haralampiev, A. Evstatieva, D. Knok, S. Tapanov, Materials used in the making of a polychrome icon stand form Kurilo monastery.

1.18. International Summer School "Supramolecular chemistry in Medicine and in Technology: Advances and Challenges", 30.08.2018-03.09.2018 Albena, Varna, Bulgaria. M. Argirova, D. Yancheva, S. Stoyanov, K. Anichina, A. Mavrova, M. Kondeva-Burdina. Synthesis, molecular structure and antioxidant activity of new benzimidazole formazans.

1.19. Second International Conference on Bio-antioxidants: "Natural Bio-antioxidants and their Synthetic Analogues - Beneficial Effect of Human Health", 07.09.2018-10.09.2018, Varna, Bulgaria. Anastassova, N., Yancheva, D., Nikolova-Mladenova, B., Hadjimitova, V., Hristova-Avakumova, N., Angelova, S. Selected aryl hydrazones as potential free radical scavengers: a DFT study.

1.20. Second International Conference on Bio-antioxidants: "Natural Bio-antioxidants and their Synthetic Analogues - Beneficial Effect of Human Health", 07.09.2018-10.09.2018, Varna, Bulgaria. Anastassova, N., Kondeva-Burdina, M., Yancheva, D. Study of the neuroprotective and antioxidant properties of new benzimidazole hydrazones on synaptosomes.

1.21. Second International Conference on Bio-antioxidants: "Natural Bio-antioxidants and their Synthetic Analogues - Beneficial Effect of Human Health", 07.09.2018-10.09.2018, Varna, Bulgaria. Anastassova, N., Yancheva, D., Hristova-Avakumova, N., Hadjimitova, V., In

vitro assessment of antioxidant activity of new benzimidazole-2-thione hydrazone derivatives and DFT study of their mechanism of action.

1.22. 1st International Balkan Chemistry Congress, 17.09.2018-20.09.2018, Edirne, Turkey. Izevbekhai, O., Anichina-Zarkova, K., Mavrova, A., Vutchev, D., Popova-Daskalova, G., Yancheva, D., Stoyanov, S. Desing, Synthesis and Antitrichinellosis activity of 1,3-disubstituted benzimidazol-2-ones.

1.23. 1st International Balkan Chemistry Congress, 17.09.2018-20.09.2018, Edirne, Turkey. Yancheva, D., Anichina-Zarkova, K., Stoyanov, S., Mavrova, A., Vutchev, D., Daskalova-Popova, G. DFT and experimental IR study on the conversion of 6(7)-nitro[1,3]thiazolo[3,2-a]-benzimidazole-3(2H)-ones with antiparasitic activity into anion products.

1.24. International Scientific Conference Kliment's Days, 08.11.2018-09.11.2018, Sofia, Bulgaria. Guncheva, M., Todinova, S., Stoyanova, E., Yancheva, D., Raynova Y., Idakieva, K. Non-toxic folate-hemocyanin conjugates: synthesis, structure and stability.

1.25. 12-th European Symposium on Thermal Analysis and Calorimetry, 27.08.2018 - 30.08.2018, Brashov, Rumania. Guncheva, M., Todinova, S., Yancheva, D., Raynova, Y., Idakieva, K.. Secondary structure and thermal stability of feruloylated Rapana thomasi hemocyanin.

1.26. 2nd Molecules Medicinal Chemistry Symposium: Facing Novel Challenges in Drug Discovery, 15-17.05.2019, Barcelona, Spain. N. Anastassova, M. Argirova, D. Yancheva, D. Aluani, V. Tzankova, N. Hristova-Avakumova, V. Hadjimitova. In Vitro Assessment of the Neuroprotective and Antioxidant Properties of New Benzimidazole Derivatives as Potential Drug Candidates for the Treatment of Parkinson's Disease.

2. Участие в доклади на международни форуми:

2.1. 9th International Congress on the Application of Raman Spectroscopy in Art and Archaeology (RAA2017), 24-28 October **2017** Evora, Portugal. V. Petrov, B. Stamboliyska, E. Velcheva, D. Yancheva, S. Stoyanov, Creation of Specialized Electronic Library for Art Investigation Bulgarian Cultural Heritage.

2.2. P. Ossowicz, E. Janus, S. Todinova, D. Yancheva, M. Guncheva, Effect of some cholinium amino acid ionic liquids on the thermal and the conformational stability of insulin, *27th Conference on Molten Salts and Ionic Liquids*, 07.10.2018 - 12.10.2018, Lisboa, Portugal, AO-35. <http://www.euchemsil2018.org/oral-presentations/>

3. Постери на национални форуми с чуждестранно участие:

3.1. 2nd National Food Conference with International Participation, Sofia, March 20th-21st, 2015. Caffeine content in various coffee samples determined by infrared spectroscopy, D. Yancheva, S. Stoyanov, A. Popova, Z. Glavcheva.

3.2. 8th Bulgarian Peptide Symposium, 08.06.2018-10.06.2018, Stara Zagora, Bulgaria. Guncheva, M., Raynova, Y., Idakieva, K., Todinova, S., Yancheva, D. Conformational and thermal stability of a conjugated with vitamin B9 hemocyanin.

3.3. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. Raynova Y., Todinova, S., Yancheva, D., Guncheva, M., Idakieva, K. Enhanced structural stability of *Helix aspersa maxima* hemocyanin.

3.3. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. Yancheva, D., Stoyanov, S., Anichina, K., Stamboliyska, B., Velcheva, E. Synthesis, IR and DFT study on the anion products of N-(4hydroxy-3-methoxybenzyl)acetamide, a capsaicin derivative.

3.4. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. M. Argiriva, D. Yancheva, S. Stoyanov, K. Anichin, A. Mavrova. Synthesis and structure investigation of 1,5-Dibenzimidazolyl formazans and their metal complexes.

3.5. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. N. Anastassova, D. Yancheva, S. Stoyanov, A. Mavrova, Synthesis of N,N'-disubstituted derivatives of 5-nitrobenzimidazole-2-thione and IR study on the electrochemical generation of their nitro radical anions.

3.6. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. N. Anastassova, D. Yancheva, N. Hristova-Avakumova, V. Hadjimitova. Synthesis of new N,N'-disubstituted benzimidazole-2-thiones containing various arylhydrazone moieties as modulators of oxidative stress.

3.7. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. S. Stoyanov, D. Yancheva, A. Popova, K. Anichina. Exploring the Electrochemical Reduction of Nitrofurantoin through Model Compounds: a Combined IR and Computational Study.

3.8. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. K. Anichina, A. Mavrova, D. Vutchev, M. Kondeva-Burdina, D. Yancheva, S. Stoyanov. Synthesis, Antinematodal Activity and Hepatotoxicity of Some Piperazine-Containing Benzimidazole Derivatives.

3.9. 11-th Chemistry Conference, 11.10.2018-13.10.2018, Plovdiv, Bulgaria. Yancheva, D., Guncheva, M., Raynova, Y., Idakieva, K.. Study of the secondary structure of two folic acid-modified hemocyanins in comparison to the native proteins.