


Curriculum vitae

	Name, academic position and degree
	Assoc. prof. Maya Georgieva, PhD
Affiliation – research organization, department	
Department of Pharmaceutical chemistry, Faculty of Pharmacy, Medical University - Sofia	
Education	
2019 – 2022 r. – Specialization in Toxicology, National Center of Public Health and Analyses	
2005 - 2012 r. – Specialization in Analysis of drugs, MU-Sofia	
2008 - 2011 r. – PhD in Pharmaceutical chemistry (Synthesis and study of pyrrole-containing hydrazones as a contribution to the development of new antituberculostatic agents)	
1996 - 2001 r. – Master in Biotechnology, UCTM – Sofia	
Academic positions in the last five years	
2015 r. – until now assoc. prof. in Pharmaceutical chemistry, Department of Pharmaceutical chemistry, Faculty of pharmacy, MU - Sofia	
2012 – 2015 r. – chief assistant in Pharmaceutical chemistry, Department of Pharmaceutical chemistry, Faculty of pharmacy, MU - Sofia	
Main research area and subareas	
Pharmaceutical and medicinal chemistry, Organic synthesis, Drug design, Analysis of drugs and biologically active compounds including in biological media	
Additional research areas and subareas	
In vitro evaluations, toxicological evaluations, neuro- and hepato-toxicity evaluations	
Specializations abroad and international collaborations	
Diploma thesis in TUHH Hamburg-Harburg, Germany	
Scientific awards and membership in scientific societies	
2002 – until now Bulgarian Pharmaceutical Science Society	
2019- until now Bulgarian Toxicology Association	
2019 – until now European Society of Toxicology (EUROTOX)	
2019- until now International Union of Toxicology (IUTOX)	

Scientific publications in the field of the research project

- Kondeva-Burdina M, **Georgieva M**, Kasabova-Angelova A, Tzankova V, Zlatkov A. Preliminary *in vitro* evaluation of neuroprotective and monoamine oxidase type B inhibitory effects of newly synthesized 8-aminocaffeines. PERSPECTIVE. *Neural Regeneration Research* 2019; 14(6): 971-972;
- **Georgieva MB**, Tzankova DG, Andonova LA, Hristova MR, Zlatkov AI, Kondeva-Burdina M. Synthesis and investigation of radical scavenging activity, neurotoxicity and neuroprotection of new theophylline hydrazones. *Bulgarian chemical communications*, 2019; 51(Special Issue A): 193-199;
- Tzankova D, Vladimirova S, Aluani D, Yordanov Y, Peikova L, **Georgieva M**. Synthesis, *in vitro* safety and antioxidant activity of new pyrrole hydrazones. *Acta Pharmaceutica*, 2020; 70(3):303-324. DOI: [10.2478/acph-2020-0026](https://doi.org/10.2478/acph-2020-0026);
- Kasabova-Angelova AI, Tzankova D, Mitkov J, **Georgieva M**, Tzankova V, Zlatkov AI, Kondeva-Burdina M. Xanthine derivatives as agents affecting non-dopaminergic neuroprotection in Parkinson`s disease. *Current Medicinal Chemistry* 2020; 27(12); 2021-2036; DOI:[10.2174/0929867325666180821153316](https://doi.org/10.2174/0929867325666180821153316);
- Kasabova-Angelova AI, Kondeva-Burdina M, Mitkov J, **Georgieva M**, Tzankova V, Zlatkov AI. Neuroprotective and MAOB inhibitory effects of series caffeine-8-thioglycolic acid amides. *Brazilian Journal of Pharmaceutical Sciences* 2020; 56, e18255:1-9. <https://dx.doi.org/10.1590/s2175-97902019000318255>;
- Mitkov J, Kasabova-Angelova AI, Kondeva-Burdina M, Tzankova V, Tzankova D, **Georgieva M**, Zlatkov AI. Design, Synthesis and Evaluation 8-S-substituted 1,3,7-trimethylxanthine hydrazones with *in vitro* neuroprotective and MAO-B activity. *Medicinal Chemistry* 2020; 16(3): 326-339: DOI: 10.2174/1573406415666190531121927;
- Tzankova D, Aluani D, Kondeva-Burdina M, **Georgieva M**, Vladimirova S, Peikova L, Tzankova V. Antioxidant properties, neuroprotective effects and safety evaluation of new pyrrole derivatives *in vitro*. *Pharmaceutical Chemistry Journal*, 2022, 55(12): 1310 – 1319. DOI 10.1007/s11094-022-02577-3;
- Mateev E, Angelov B, Kondeva-Burdina M, Valkova I, **Georgieva M**, Zlatkov AI. Design, synthesis, biological evaluation and molecular docking of pyrrole-based compounds as antioxidant and MAO-B inhibitory agents. *FARMACIA*, 2022, 70(2): 344-354.

Participation in projects supported by BNSF in the last five years

Competition (type and year):

Number and date of the contract:

Title:

Project coordinator:

Status of the project:

Evaluation of the project implementation (for completed projects):

Participation in projects supported by other sources in the last five years

Financing organization: SMS at MU Sofia

Type of the competition and year: Competition Grant 2018

Number or acronym of the project: Contract № D-83/2018 (Project № 7858/2017)

Title: Development of RP-HPLC method for separation of geometric isomers of newly synthesized pyrrole and xanthine compounds

Project coordinator: assoc. prof. L. Peikova, PhD

Status of the project: completed. Awarded with "SIGNUM LAUDIS PRO SCIENTIAE MERITIS"

Financing organization: SMS at MU Sofia

Type of the competition and year: Competition Grant 2021

Number or acronym of the project: Contract № D-101/2021 (Project № 7903/2020)

Title: Development of RP-HPLC method for farmaco-analytical characterization of anabolic steroid Methenolone acetate in food aditives

Project coordinator: assoc. prof. L. Peikova, PhD

Status of the project: completed.

Financing organization: SMS at MU Sofia

Type of the competition and year: Competition Grant 2021

Number or acronym of the project: Contract № D-104/2021 (Project № 7902/2020)

Title: Development of RP-HPLC method for analysis of pyrrole-containing hydrazones with MAO-B activity in biological media

Project coordinator: assoc. prof. M. Georgieva, PhD

Status of the project: completed.

Financing organization: SMS at MU Sofia

Type of the competition and year: Competition Grant 2021

Number or acronym of the project: Contract № D-161/2022 (Project № 7419/2021)

Title: Development and validation of reverse-phase HPLC method for separation and identification of water-soluble vitamins in food additives

Project coordinator: assoc. prof. M. Georgieva, PhD

Status of the project: running.

Financing organization: SMS at MU Sofia

Type of the competition and year: Competition Young Scientist 2022

Number or acronym of the project: Contract № D-193/2022

Title: Evaluation of possible MAOB inhibitory activity of new hydrazones containing pyrrole cycle in the carboxylic fragment

Project coordinator: master pharmacist Hristina Venelinova Kuteva

Status of the project: running.