

Curriculum vitae

Picture	<i>Name, academic position and degree</i>
	Chief Assist. Diana Georgieva Tzankova, PhD
<i>Affiliation – research organization, department</i>	
Medical University of Sofia, Faculty of Pharmacy, Department of Pharmaceutical Chemistry, Dunav str. 2, 1000 Sofia, Bulgaria	
<i>Education</i>	
2009 - Master Degree in Pharmacy, Medical University – Sofia, Faculty of Pharmacy	
2016 - 2020 – PhD in Pharmaceutical chemistry	
2021 - Specialization in Analysis of medicinal products (post graduate)	
<i>Academic positions in the last five years</i>	
2020 - 2021 - Assistant Professor in Pharmaceutical chemistry and Bromatology	
2021 – at present - Chief Assistant in Pharmaceutical chemistry and Bromatology	
<i>Main research area and subareas</i>	
Synthesis and structural characterization of newly obtained compounds, pharmaceutical analysis	
<i>Additional research areas and subareas</i>	
<i>Specializations abroad and international collaborations</i>	
<i>Scientific awards and membership in scientific societies</i>	
Scientific awards: First award for a report on the topic "Synthesis and structural characterization of pyrrole derivatives as possible selective MAO B inhibitors" at the IV Pharmaceutical Business Forum and scientific-practical conference "Innovations and perspectives in pharmaceutical practice", 27-29.10.2017, Varna, Bulgaria.	
<i>Scientific publications in the field of the research project</i>	
<ol style="list-style-type: none">1. Tzankova, D., Vladimirova, S., Aluani, D., Yordanov, Y., Peikova, L., & Georgieva, M. (2020). Synthesis, in vitro safety and antioxidant activity of new pyrrole hydrazones. <i>Acta Pharmaceutica</i>, 70(3), 303-324.2. Mitkov, J., Kasabova-Angelova, A., Kondeva-Burdina, M., Tzankova, V., Tzankova, D., Georgieva, M., & Zlatkov, A. (2020). Design, Synthesis and Evaluation of 8-Thiosubstituted 1, 3, 7-Trimethylxanthine Hydrazones with In-vitro Neuroprotective and MAO-B Inhibitory Activities. <i>Medicinal Chemistry</i>, 16(3), 326-339.	

3. Kasabova-Angelova, A., Tzankova, D., Mitkov, J., Georgieva, M., Tzankova, V., Zlatkov, A., & Kondeva-Burdina, M. (2020). Xanthine Derivatives as Agents Affecting Non-dopaminergic Neuroprotection in Parkinson's Disease. *Current medicinal chemistry*, 27(12), 2021-2036.

Participation in projects supported by BNSF in the last five years

Competition (type and year): procedure for providing national co-financing for the participation of a Bulgarian team in approved actions under the European Program for Cooperation in the Field of Scientific Research and Technology COST Action CA17104 2021; Duration of the project: 15 months

Number and date of the contract: № 56/25.06.2021

Title: New diagnostic and therapeutic approaches in tumours associated with multidrug resistance

Project coordinator: Prof. Virginia Tzankova, PhD

Status of the project: ongoing

Evaluation of the project implementation (for completed projects): NA

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

Financing organization: Medical University of Sofia

Type of the competition and year: Competition GRANT, 2017

Number or acronym of the project: Contract № D-93/2017 (Project № 8580/2016)

Title: Synthesis of N-pyrrolyl hydrazide-hydrazones and evaluation of probable MAO-B inhibitory effect

Project coordinator: Assoc. prof. Maya Georgieva, PhD

Status of the project: Completed

Financing organization: Medical University of 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 an RP-HPLC method for the separation of geometric isomers of newly synthesized pyrrole and xanthine compounds.

Project coordinator: Assoc. prof. Lily Peikova, PhD

<p>Status of the project: Completed</p>
<p>Financing organization: University of Chemical Technology and Metallurgy</p> <p>Type of the competition and year: 2017</p> <p>Number or acronym of the project: № 11723/2017</p> <p>Title: Design and synthesis of new pyrrole-containing compounds with potential biological activity.</p> <p>Project coordinator: Chief Assist. Stanislava Vladimirova, PhD</p> <p>Status of the project: Completed</p>
<p>Financing organization: University of Chemical Technology and Metallurgy</p> <p>Type of the competition and year: 2018</p> <p>Number or acronym of the project: № 11816/2018</p> <p>Title: Synthesis of new pyrrole analogues of Lipitor with predicted cholesterol-lowering activity.</p> <p>Project coordinator: Chief Assist. Stanislava Vladimirova, PhD</p> <p>Status of the project: Completed</p>
<p>Financing organization: Medical University of Sofia</p> <p>Type of the competition and year: Competition GRANT, 2021</p> <p>Number or acronym of the project: Contract № D-101/04.06.2021 (Project № 7903/19.11.2020)</p> <p>Title: Development of an RP-HPLC method for the detection of Methenolone acetate in dietary supplements used to increase muscle mass.</p> <p>Project coordinator: Assoc. prof. Lily Peikova, PhD</p> <p>Status of the project: Completed</p>
<p>Financing organization: Medical University of Sofia</p> <p>Type of the competition and year: Competition GRANT, 2021</p> <p>Number or acronym of the project: Contract № D-103/04.06.2021 (Project № 7866/18.11.2020)</p> <p>Title: <i>In vitro</i> study of the effects of nanoscale drug-delivery systems with combined loading of Doxorubicin and antioxidants.</p> <p>Project coordinator: Prof. Virginia Tzankova, PhD</p>

Status of the project: Completed

Financing organization: Medical University of Pleven

Type of the competition and year: 2021

Number or acronym of the project: №9/2021

Title: A technological approach to improve the toxicological profile of Doxorubicin by incorporating it into stimulus-induced drug-delivery systems based on hybrid carriers.

Project coordinator: Assoc. prof. Stanislav Tzankov, PhD

Status of the project: ongoing

Financing organization: Medical University of Sofia

Type of the competition and year: Competition GRANT, 2022

Number or acronym of the project: Contract № D-154/14.06.2022 (Project № 7417/19.11.2021)

Title: Development of RP-HPLC methods for the analysis of Dexamethasone and its esters alone and in combination with some medicinal products used in the therapy of Covid-19.

Project coordinator: Assoc. prof. Lily Peikova, PhD

Status of the project: ongoing