

PERSONAL INFORMATION

Miglena Valyova



📍 10 Kliment Ohridsky Blvd., Sofia 1797, Bulgaria

☎ 02/9-19-07/350

✉ mvalyova@abv.bg

Sex Female | Date of birth 13/05/ | Nationality Bulgarian

WORK EXPERIENCE

27.05.2013 TO PRESENT

Chief assistant professor at the Department of Plant Pathology and Chemistry
10 Kliment Ohridsky Blvd., Sofia 1797, Bulgaria; Building A, Floor 2, Office 226

Business or sector: teaching and research

12.09..2011 - 27.05.2013

Assistant professor at the Department of Plant Pathology and Chemistry
10 Kliment Ohridsky Blvd., Sofia 1797, Bulgaria; Building A, Floor 2, Office 226

Business or sector: teaching and research

2006-2009

PhD in Organic chemistry
Sofia University "St. Kliment Ohridski", Faculty of Chemistry and Pharmacy

2003-2005

Master of Science in Organic chemistry
Sofia University "St. Kliment Ohridski", Faculty of Chemistry and Pharmacy

1999-2003

Bachelor of Science in Biology and Chemistry
Sofia University "St. Kliment Ohridski", Faculty of Biology

EDUCATION AND TRAINING

PERSONAL SKILLS

Mother tongue(s)

Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	A2	B1
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

[Common European Framework of Reference for Languages](#)

Communication skills

Excellent communication skills

Organisational / managerial skills

Very good professional skills gained through my experience as an assistant at the University of Forestry, Sofia

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

- Excellent computer skills: Microsoft Office™; Chem Office; Internet browser

Driving licence

No

ADDITIONAL INFORMATION

Publications

- 1) M. Valyova (2010). Investigation of antioxidant properties of Bulgarian medicinal plants extracts. Summary of Ph.D. thesis. Organic chemistry: 01.05.03. Ph.D. supervisors: Prof. DSc I. Petkov, Assoc. prof. Yordanka Ganeva.
- 2) Y. Ganeva, M. Valyova, St. Stoyanov, E. Marinova, I. Petkov (2009). Antioxidant activity of extracts from *Hieracium hoppeanum* (Schultes). Journal of Balkan Ecology, 12 (1): 35-44.
- 3) M. Valyova, V. Hadjimitova, St. Stoyanov, Y. Ganeva, T. Traykov, I. Petkov (2009). Free radical scavenging activity of extracts from Bulgarian *Veronica officinalis* L. and GC-MS analysis of ethanol extract. Internet Journal of Aesthetic and Antiaging Medicine, 2 (1).
- 4) M. Valyova, V. Hadjimitova, St. Stoyanov, Y. Ganeva, T. Traykov, I. Petkov (2009). "Radical scavenger and antioxidant activities of extracts and fractions from Bulgarian *Ononis spinosa* L. and GC-MS analysis of ethanol extract". Internet Journal of Alternative Medicine, 7 (2).
- 5) V. Hadjimitova, M.Valyova, Y. Ganeva, Tr.Traikov, I.Petkov. Antioxidant activity and total phenolic content of ethanol extract from *Veronica officinalis*. Proceeding book, on CD, section "Biology", Union of Scientists in Stara Zagora-International Scientific Conference, Subject" Challenges for Bulgarian Science and European space of research", June 5-6, 2008, Stara Zagora, Bulgaria.-Publishing house "Union of scientists" Stara Zagora 2009.
- 6) Y. Ganeva, M. Valyova, St. Stoyanov, I. Petkov, D. Antonova (2009). Isolation and identification of triterpenoids and sterols from *Hieracium hoppeanum* Schultes". Journal of Balkan Ecology, 12 (1): 45-52.
- 7) P. Hadjieva, Y. Ganeva , M. Valyova ,V. Todorova, E. Marotta, R. Seraglia, P. Traldi. "ESI/MS Investigation of Procyanidin Profile of Bulgarian *Crataegus oxyacantha* Fruits ethanol extract", 2-nd International Symposium on Organic Chemistry, December 13- 16, 2008, Sofia, Bulgaria ", Proceeding Book, Series "Topics in Chemistry & Material Science", vol. 3; (eds. G. Vaysielov, R. Nikolova), Herron Press, Sofia 2009, pp 94-99.
- 8) M. Valyova, M. Dimitrova, Y. Ganeva, V. Kapchina-Toteva, Zhenya Yordanova (2011). Evaluation of antioxidant and free radical scavenging potential of *Lamium album* L. growing in Bulgaria. Journal of Pharmacy Research, 4 (4): 945-947. (Impact factor 2.36).
- 9) M. Valyova, St. Stoyanov, Y. Markovska, Y. Ganeva (2012). Evaluation of *in vitro* antioxidant activity and free radical scavenging potential of variety of *Tagetes erecta* L. flowers growing in Bulgaria. International Journal of Applied Research in Natural Products, 5 (2): 19-25; (Impact Factor: 1.477).
- 10) I. Genov, Y. Ivanova, M. Valyova (2012). Investigation of extractives from pine cones. Woodworking and furniture production, (1): 8-11.
- 11) I. Genov, Y. Ivanova, M. Valyova (2013). Investigation of interaction of basic components of the wood with urea formaldehyde resin. Innovation in woodworking industry and engineering design, 2 (1): 42-44.
- 12) M. Valyova, Y. Ivanova, I. Genov (2013). Wood as raw material for production of chemicals. Management and sustainable development, 43 (6): 150-152.
- 13) M. Valyova, Y. Ivanova, I. Genov (2014). Composites from urea-formaldehyde resin, beech wood and chlorine-containing compounds. Woodworking and furniture production, (1): 14-17.
- 14) M. Valyova, Y. Ivanova, I. Genov (2014). Influence of some technological factors on the adhesive strength of plywood from softwood. Management and sustainable development, 49 (6): 145-149.
- 15) Y. Ivanova, M. Valyova, I. Genov, M. Gerova, St. Stoyanov, Og. Petrov (2014). Antioxidant activity of heterocyclic chalcones. Comptes rendus de l'Acad'emie

bulgare des Sciences, 67 (12) : 1647 – 1652.

16) M. Valyova, Y. Ivanova (2015). Modified phenol – phormaldehyde resins used for plywood gluing. International Journal – Wood, Design & Technology, 4 (1): 35–38.

17) M. Valyova, Y. Ivanova, I. Genov (2016). Pyrolysis of waste wood. Innovation in woodworking industry and engineering design (in press).

18) М. Вальова, Й. Иванова (2016). Influence of some technological factors on the Physical and mechanical properties of plywood. Management and sustainable development, 54 (5): 15-19.

19) Valyova M., Al. Tashev, St. Stoyanov, St. Yordanova, Y. Ganeva, 2016a. In vitro free-radical scavenging activity of Aegopodium podagraria L. and Orlaya grandiflora (L.) Hoffm. (Apiaceae). Journal of chemical technology and metallurgy, 51 (3): 12 – 16.

20) D. Stoyanova, M. Valyova, Y. Ivanova, I. Genov, 2016. Antioxidants – protection system for living organisms against free radicals (in press).

21) I. Dobrinov, M. Valyova, Y. Ivanova, I. Genov, 2016. Resveratrol – structure, biological activity and applications (in press).

Projects

1. Participation in a national scientific project as a member of the working team:

Morphology and functional status, and the creation of an information system for *in vitro* cultivated medicinal herb *Lamium album* L.
Leader: Prof. V. Kapchina-Toteva ;

2. Participation in a research project funded by the University of Forestry as a member of the working team: Synthesis and isolation of bioactive compounds in order to investigate the cytotoxic and antioxidant activity.

Leader: Prof. I. Genov

3. Participation in a research project funded by the University of Forestry as a member of the working team:

Derivatives of 2 (3H) -benzoxsa (thia) zolon- synthesis and biological activity.

Leader: Prof. I. Genov

Conferences

1. International Scientific Conference, Subject “Challenges for Bulgarian Science and European space of research”, June 5-6, 2008, Stara Zagora, Bulgaria, V. Hadjimitova, M.Valyova, Y.Ganeva, Tr.Traikov, I. Petkov. “Antioxidant activity and total phenolic content of ethanol extract from *Veronica officinalis*”.

2. 20th Congress of the Society of Chemists and technologists of Macedonia, September,17-20, 2008, Ohrid, Macedonia, Y. Ganeva, M.Valyova, St. Stoyanov, I. Petkov, D. Antonova “Gas Chromatography-Mass Spectrometry of Triterpenoids and Sterols from *Hieracium hoppeanum* Sch.”

3. 2-nd International Simposium on Organic Chemistry, December 13-16, 2008, Sofia, Bulgaria, P. Hadjieva, Y. Ganeva , M. Valyova ,V. Todorova, E. Marotta, R. Seraglia, P. Traldi “ESI/MS Investigation of Procyanidin Profile of Bulgarian *Crataegus oxycantha* Fruits ethanol extract”.

4. I. Genov, Y. Ivanova, M. Valyova. Investigation of interaction of basic components of the wood with urea formaldehyde resin. Fifth international scientific and technical conference “Innovations in forest industry and engineering design”, Yundola, 15-17 November, 2012.

5. M. Valyova, Y. Ivanova, I. Genov. Composites from urea–formaldehyde resin, beech wood and chlorine–containing compounds. Sixth international scientific and technical conference “Innovations in forest industry and engineering design”, Yundola, 14-16 November, 2013.

6. M. Valyova, Y. Ivanova, I. Genov. Pyrolysis of waste wood. Seventh international scientific and technical conference “Innovations in forest industry and engineering design”, Yundola, 13-15 November, 2014.