

PERSONAL
INFORMATION

Galya Kostadinova Toncheva



 Living Area "Luda Yana" Str. 3, ap. 6, Plovdiv - 4003, Bulgaria

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Sex Female | Date of birth 27/06/1962 | Nationality Bulgarian

POSITION Research Stays for University Academics and Scientists

WORK EXPERIENCE

from 2011 to Present

Chief Assistant Professor

University of Plovdiv "Paisii Hilendarski", 24, Tzar Assen St., Plovdiv - 4000, Bulgaria

<https://uni-plovdiv.bg/en/>

- Teaching General and Inorganic Chemistry – Lecture
- Teaching General and Inorganic Chemistry – Laboratory Practices

from 2010 to 2011

Assistant Professor

University of Plovdiv "Paisii Hilendarski", 3, G. Benev St., Plovdiv - 4000, Bulgaria

<https://uni-plovdiv.bg/en/>

- Teaching General and Inorganic Chemistry – Laboratory Practices

from 2009 to 2010

Product Manager

KUK Bulgaria – Plovdiv, 24, Tzar Assen St., Plovdiv - 4003, Bulgaria - 4000, Bulgaria

<http://www.kuk.com/bg/>

- Maintenance of technical documentation, implement of ISO 9000. Delivery and distribution of cocoa, chocolate and cocoa products for large producers of food and medicines.

from 1998 to 2008

R&D Department Manager

Sugar company Plovdiv, blvd. Bulgaria 157, Plovdiv - 4003, Bulgaria

<http://www.crystalbg.com/>

- Maintenance of technical, technological and patent documentation, implement of ISO 9001, development of new products, new assortments of chocolate, chocolates, biscuits, waffles, hard candies.

EDUCATION AND TRAINING

from 1989 to 1995

PhD Student

PhD

University of food technology Plovdiv, "Mariza" str. 26, Plovdiv - 4002, Bulgaria

<http://www.uft-plovdiv.bg/>

- Inorganic materials, sweeteners, rheology, nanomaterials.
- PhD Thesis " Application of sweeteners in the composition of dietary foods"

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Communication skills

- Good communication skills as assistant professor chemistry students

Job-related skills

- Experience with ICP-MS analysis of trace and essential elements in marine and freshwater algae, fruits and foods.
- Experience with liquid-liquid extraction – extraction-chromogenic system for Fe, In, Zr, V.

Digital competence

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

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

Driving licence

Driving licence category – B

Selected Publications

1. G. Toncheva, K. Nikolova, D. Boyadzhiev, I. Alexieva, D. Georgieva, G. Antova, A. Alajajan, D. Buhlova, Differentiation of Bulgarian wild fruits according to their mineral content", *Bulgarian Journal of Agricultural Science*, 5, 2016, 22:5, 857–861.
2. Galya K. Toncheva, Kiril B. Gavazov, Zlatka G. Georgieva, Lilko K. Dospatliev, Alexander B. Peltekov and Boyan S. Boyanov, Application of 4-(2-Pyridilazo) resorcinol for flotation spectrophotometric determination of iron, *Bull. Chem. Soc. Ethiop.*, 2016, 30(3), 325-332.
3. K.B. Gavazov, VB Delchev, TS Stefanova, GK Toncheva, KK Simitchiev, Specific features of tetranitrotetrazolium blue chloride as an extraction reagent for iron(III). *Russian Journal of General Chemistry*, 2016, Vol. 86(5), pp. 1167-1176.
4. G. Toncheva, K. Nikolova, D. Boyadzhiev, G. Antova and Z. Jelev, Mathematical analysis of the trace element content of Bulgarian fruit, *Bulgarian Chemical Communications*, 2017, Vol. XX, Special Issue G, 2017, pp.16-20.
5. Galya K. Toncheva, Zlatimir Zhelev, Vassil B. Delchev and Kiril B. Gavazov, Complex formation in a liquid-liquid extraction system containing vanadium(IV/V), 2,3-dihydroxynaphthalene and Thiazolyl Blue, 2018, *Acta Chim. Slovenica*, 65(2), pp. 462-469.
6. Galya K. Toncheva, Nikolina P. Milcheva, and Kiril Blazhev Gavazov, Liquid-Liquid Extraction-Chromogenic System for Vanadium(V) Based on 4-(2-thiazolylazo)resorcinol (TAO) and Aliquat 336, 2018, *Acta Chim. Slovenica*, 65(4), pp. 847-852.
7. Kiril B. Gavazov, Vassil B. Delchev, Nikolina P. Milcheva, Galya K. Toncheva, Complex formation in a liquid-liquid extractionchromogenic system for vanadium(IV), 2019, *Open Chemistry*, 17: 599–608.
8. Galya K. Toncheva, Danail G. Hristov, Nikolina P. Milcheva and Kiril B. Gavazov, Extraction-Chromogenic System for Nickel(II) Based on 5-methyl-4-(2-thiazolylazo)resorcinol and Aliquat 336, 2020, *Acta Chimica Slovenica*, 67(1):151-158.
9. A. D. Saravanska, P. V. Racheva, V. V. Divarova, G. K. Toncheva, N. P. Milcheva, V. B. Delchev, and K. B. Gavazov, Extraction-Spectrophotometric and Theoretical Studies on a Ternary Complex Obtained from Vanadium(V) and 4-Nitrocatechol, 2021, *Russian Journal of Inorganic Chemistry*, Vol. 66(12), pp. 1880-1886.
10. Vidka. V. Divarova, Antoaneta Saravanska, Galya Toncheva, Nikolina P. Milcheva, Vasil B. Delchev, Kiril Gavazov, Spectrophotometric determination of molybdenum(VI) as a Ternary Complex with and 4-Nitrocatechol and Benzalkonium Chloride, *Molecules*, 2022, 27(4), 1217.
11. Gavazov K.B., Racheva P.V., Saravanska A.D., Toncheva G.K., Delchev V.B., Extractive Spectrophotometric Determination and Theoretical Investigations of Two New Vanadium(V) Complexes, *Molecules*, 2023, 28 (18), 6723.

Projects

1. Project № SP19-HF009/2019, Investigating the potential of marine and freshwater algae for use in the composition of functional foods. Application of ionic liquid for extraction of essential elements", Scientific Research Fund of Plovdiv University "Paisiy Hilendarski", Ass.Prof. Galya Toncheva, Project Manager.
2. Project № SP21-XΦ004/2021 "Scientific and applied research on algae (Black Sea and freshwater) and coordination compounds of biogenic microelements with oxygen-containing ligands" - 2021-2022, Scientific Research Fund of Plovdiv University "Paisiy Hilendarski", Ass.Prof. Galya Toncheva, Project Manager.
3. Project № KP-06-H73/11 of the National Fund for Scientific Research in Bulgaria, National Program for Basic Research Projects – 2023. Participant.

Courses and Certifications

1. Certificate of achievement in Food Chemistry – University of Georgia, January – July 2004, USA.
2. Erasmus Certificate, Yeni Yuzyil University, *Faculty of Pharmacy*, May 2021, Istanbul, Turkey.
3. Erasmus Certificate, ULisboa University, *Faculty of Sciences*, May 2023, Lisboa, Portugal.

ANNEXES