

CURRICULUM VITAE

PERSONAL INFORMATION

Name **KAROLINA LYUBOMIROVA**
address **8 BIALO MORE STR, 4TH FLOOR, 1527 SOFIA, BULGARIA**
Telephone **+ 359 887515235**
E-mail **carol_lub@abv.bg, k.lybomirova@foz.mu-sofia.bg**
Nationality **Bulgarian**

EMPLOYMENT

• Dates **2007- present**

Name and address of
the employer

Medical university Sofia, Bulgaria
Faculty of Public Health

Appointment

2007-2013 Assoc.professor
2013- present –Professor
2019- head department “Occupational Health”
2012-2016- Vice rector on education and accreditation
2016- 2020 – Vice dean on international cooperation and projects
2020-present- Vice rector on education

• Dates

1999-2007

• Name and address of the
employer

National center of hygiene, medical ecology and nutrition , 15
Acad.Ivan Geshov. Blvd, Sofia

• Kind of activity

Scientific research, expertizes to Ministry of Health

• Appointment

Scientific researcher in toxicology and occupational health, Head of
Research Laboratory on Food and Cosmetics

• Main duties and
responsibilities

Participation on scientific research projects, legislation and expertise
activity

EDUCATION AND TRAINING

• Dates (from-to)

1992-1998

•Name and type of the

Medical university Sofia, Faculty of Medicine

training organization

- Basic disciplines/
Occupational skills
- Name of the acquired qualification
- Dates (from-to)
- Name and type of the training organization
- Basic disciplines/
Occupational skills
- Name of the acquired qualification

Medical doctor

Master in medicine

1999-2002

National center of hygiene, medical ecology and nutrition

PhD thesis in toxicology and health risk assessment

PhD

Education – Acquired State Specialties

- Dates
- 2002 Toxicology
- 2005 Master in Public health and Health management
- 2009 Occupational health
- 2015 Health Economics

Post doc trainings:

- 2000 National Institute of Public health, Oslo , Norway
- 2000 Nofer institute on occupational health, Ludz, Poland,
- 2006 JICA, Policy In health and safety at work, Tokio, Japan

**ORGANIZATIONAL
SKILLS AND
COMPETENCES**

1. **Multinational Peer Review Board member** of Erasmus+ Capacity Building Project: “SPRING”,
2. **Leader of** a EC funded project in EC Operative program “Human resources development”, Priority Axis: Transnational cooperation in a collaboration with Milan University: “EPPSIDTS – European Partnerships for Prevention and Social Innovations for Doctors by Training and Science” (2017-2018) BG05M9OP001-4.001-0019-C01
3. **National Coordinator of a EC project** “Implementation of Electronic training in public health”, BG051PO001-4.3.04,

4. **Participation in a EC funded project** “Development of an integrated information system in medical university Sofia BG051PO001-3.1.08-0036”
5. **National coordinator of an international project**, Public Health Program “EU Public Health Outcome Research and Indicator Collection – EUPHORIC”, “EUPHORIC”- 2003- OJ 2003/C62/04.
6. **Participation in International 5th Framework Project of EC** “Quality of Life and Management of Living Resources”, “Effects of PAHs in environmental pollution on exogenous and endogenous DNA damage (EXPAH)”; Key action “Environment and Health”.
7. **Head researcher of a project**, financed by the Bulgarian Ministry of Education “Health Risk Assessment and opportunities for improvement the quality of life of the population living in the vicinity of refineries and petrochemical plants”. First award for scientific achievements MU-L-1000-1 .
8. **Head researcher of a project**, financed by the Council of Medical Science at the Medical University Sofia.”Study and analysis of the work inability trend due to work accidents among employees in Bulgaria”. Grant 2012 .
9. Participation in 7 scientific projects granted by the Medical council of Medical university Sofia (award “Signum laudis pro scientific merits”)

PERSONAL SKILLS AND COMPETENCES

1. Board member of ASPHER (Association of the schools of public health in European region)- 2017- present.
2. Vice-President of the Bulgarian Scientific Society of Toxicology in the Union of the Bulgarian Medical Associations (President 2016-2019).
3. Vice president of the Bulgarian Academic Society in Occupational Health – 2012- present.

4. National consultant in occupational health at the Ministry of health, 2014-2019.
5. Board member of the Expert council “Occupational health” at the Bulgarian Medical association
6. Recognized as a European registered toxicologist (ERT) - since 2013, reconfirmed 2018.
7. Member of the editorial board of Public Health Review (Journal of ASPHER and the Swiss School of Public health)
8. Chief editor of the Journal “Occupational health and Work ability” (bilingual Bulg/Eng)
9. Member of the international editorial board of the Journal “Svet rada” (bilingual Srb/Eng)
10. Head of the Editorial board of the Journal “Health Policy and Management”- edition of the Faculty of Public health, Medical University Sofia (in Bulg)
11. Member of the editorial board of Acta Medica Bulgarica (edition of the Medical University Sofia)
12. Head of editorial board of the Journal “Praemedicus”- edition of the Medical University Sofia (2012-2016) (In Engl).

Membership in organizations:

1. International Commission of Occupational Health (ICOH) - since 2004, National secretary 2012-2018, member of the Scientific Committee on Training in Occupational Health.
2. European and International Organizations of Toxicology – EUROTOX and IUTOX- since 1999 .
3. MEDICHEM - (international scientific association for occupational and environmental health in the production and use of chemicals) – since 1999, Board member- 2010-2012.

4. Member of the Association health politics and management in Bulgaria- since-2011.

Publications: more than 130 , 15 textbooks, over 80 citations

Participation in scientific events : Participation with oral and poster presentations and moderator in more than 80 international congresses on toxicology, occupational health, public health, health management (2 awards for best presentation: IUTOX -SOT 2006, Medichem 2001) .

PhD students: 5- successfully defended theses

OTHER LANGUGAGES

ENGLISH

- reading skills excellent
- writing skills excellent

Russian

- reading skills [Средна степен на нива: отлично, добро, основно]
- writing skills [Средна степен на нива: отлично, добро, основно]

List of selected papers:

1. Razum, O., Barros, H., Buckingham, R., **Lyubomirova K.**, .Signorelli, C., Middleton, J. Is war a man-made public health problem? The Lancet, 2019, 394(10209), pp. 1613
2. Rossner Jr., P., Binkova, B., Milcova, A., **Lyubomirova K.**, ...Farmer, P.B., Sram, R.J. Air pollution by carcinogenic PAHs and plasma levels of p53 and p21^{WAF1} proteins. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620(1-2), pp. 34–40
3. Raimondi, S., Garte, S., Sram, R.J.,**Lyubomirova K.**, Singh, R., Farmer, P.B. Effects of diet on biomarkers of exposure and effects, and on oxidative damage. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 620(1-2), pp. 93–102
4. Shipkovenska E. and **Lyubomirova K.** (2007) Preventive Health Care and Disease Prevention. In: A Handbook for teachers, researchers, health professionals and decision makers "Health promotion and disease prevention", Publisher: Hans Jacobs

- Publishing Company. ISBN 978-3-89918-169-2; Lage; : 354- 362.
5. Torre M, C. Morciano, P. D'Errigo, A. Allepuz, D. Fusco, U. Häkkinen, G. Labek, **K. Lyubomirova**, J. Marrugat, D. Psaltopoulou, E. Taioli, W. Ye. The EUPHORIC project: outcome indicators collection in Europe. Results of the first phase. *European Journal of Public Health* 2007; 17 (Supplement 2): 213.
 6. Torre M., V. Manno, A. Allepuz, S. Behar, R. Bellocco, D. Fusco, U. Häkkinen, G. Labek, **K. Lyubomirova**, J. Marrugat, S. Mathis, D. Psaltopoulou The EUPHORIC project: outcome indicators collection in Europe. Results of the second phase (pilot). *European Journal of Public Health* 2008; 18 (Supplement 1): 197.
 7. Lyubomir A. Dourmishev, **Karolina Lyubomirova**. Correlation of Disease Activity and Quality of Life of Patients with Psoriasis after Narrow-band Ultraviolet B Therapy <https://foliamedica.bg/issue/2908/>
 8. Uzunova, S.V., Tachev, A.K., **Lyubomirova, K.D.**, Obreshkova, D.P., Pencheva, I.P. Legislation on cosmetic products in regards with nitrosamines. *Journal of Environmental Protection and Ecology*, 2008, 9(4), pp. 903–913
 9. Filippidou EC, **Lyubomirova K**, Tzacheva N. Health management of occupational diseases - a challenge for the bulgarian economy and public health. *J Thorac Dis* 2012;4(S1):AB9. DOI: 10.3978/j.issn.2072-1439.2012.s009
 10. Lyubomirova, K., Ratcheva, Z., Prodanova, Y. Health risk assessment of Coal miners in Bulgaria . *Archives of the Balkan Medical Union*, 2013, 48(2), pp. 211–214
 11. **Lyubomirova, K.** Occupational health management of pesticides intoxications (a case report) *Acta Medica Bulgarica*, 2012, 39(2), pp. 55–60
 12. Evstatieva, S., **Lyubomirova, K.**, Ilieva, D. Risk perception among white collars in Bulgaria . *Archives of the Balkan Medical Union*, 2012, 47(4), pp. 370–373
 13. **Lyubomirova, K.**, Tzacheva, N., Yancheva, M. Occupational diseases due to chemical exposure in Bulgaria. *Archives of the Balkan Medical Union*, 2012, 47(2), pp. 150–154
 14. Evstatieva, S., **Lyubomirova, K.**, Ilieva, D., Vodenicharov, T. Health risk assessment of administrative workers in Bulgaria. *Archives of the Balkan Medical Union*, 2012, 47(3), pp. 243–248
 15. Prodanova Y., Staykova J., **Lyubomirova K.**, Tzacheva N., Hristova L., „Establishing and implementing/introducing innovative educational practices in training in occupational medicine and public health“, *Advances in Bulgarian Science* 2018, National centre for information and documentation – ISSN 1314 - 3565, Sofia, 2019, 19-24;
 16. Tabanska M, **K Lyubomirova**, M Samuneva, L Hristova, : Stoycheva, N Tzacheva, Metabolic syndrome and its components among workers in four economic sectors in Bulgaria, *Advances in Bulgarian Science*, National Centre for Information and Documentation, ISSN: 1 31 4- 3565, 2019, 25-32
 17. Samuneva-Zhelyabova M, **Lyubomirova K**, Kundurzhiev T. Sleep Disorders and Fatigue among Emergency Healthcare Workers. **J of IMAB**. 2020 Apr-Jun;26(2):3163-3167. DOI: 10.5272/jimab.2020262.3163

18. **Lyubomirova K.**, Tzacheva N., Management of occupational diseases-a challenge to the Bulgarian economy and public health. *Acta medica bulgarica*, vol. xxxix, 2012, No 2, 61-67.
19. **Lyubomirova K** , Tzacheva N., Yancheva M. Occupational diseases due to chemical exposure in Bulgaria . *Archives of The Balkan Medical Union*, 2012, vol.47, No 2 , 150-154.
20. **Lyubomirova K.**, Evstatiieva S., Prodanova Y., Vodenicharov Tz. Health status Assessment of Petrol station workers in Bulgaria. *Archives of Public Health*, 2012, 4(1), 51-55.
21. Tzacheva Nevena K., **Karolina D. Lyubomirova**, Milena Stoycheva. Systemic Approach to health and safety at work- The National Register of Professional Morbidity in Bulgaria. *Archives of Public Health*, 2012 vol.4, N0 1, 56-64.
22. **Lyubomirova K.**, Ratcheva Z., Prodanova Y. Health risk assessment of Coal miners in Bulgaria. *Archives of the Balkan Medical Union* 2013, vol. 48, iss. 2, pp. 211-214
23. **Lyubomirova K.**, Ratcheva Z., Prodanova Y., A complex health study among coal miners in Bulgaria. *Archives of Public Health* , 2013, vol. 5 (1), pp. 20-24
24. Tzacheva N, **Lyubomirova K**, Tabanska-Petkova M, et al O11-4 Musculoskeletal disorders among teachers in Bulgaria, questions and areas for action *Occup Environ Med* 2016;73:A23.
25. **K Lyubomirova**, M Tabanska-Petkova, N Tzacheva; Requirements of and qualifications of Health and Safety Workers' Representatives, *European Journal of Public Health*, Volume 26, Issue suppl_1, 1 November 2016, ckw175.001, <https://doi.org/10.1093/eurpub/ckw175.001>
26. Tabanska M, **K Lyubomirova**, M Chernaeva, N Tzacheva, Qualification of experts on occupational health and health and safety at work, *Trends and Results in Biological Sciences and Education*, Scientific proceedings of international scientific conference conducted April 8, 2016, Komarno, SJE – UJS, ISBN 978-80-8122-197-2, 50-55
27. Tabanska-petkova, Milena, Tzacheva, Nevena, **Lyubomirova, Karolina**, Yancheva, Milena. (2016). P076 Dynamics of the outpatient prevalence and incidence from musculoskeletal diseases in the city of Sofia in the period 2009-2013. *Occupational and Environmental Medicine*. 73. A145.3-A146. 10.1136/oemed-2016-103951.397.
28. Hristova L., N.Tzacheva, **K.Lyubomirova**. Challenges to occupational of medicine in the Republic of Bulgaria. *Sved rada, zdravje i bezbednost na radu*, 2018, 492-497.
29. **Lyubomirova K**, Hudiakova M, Tabanska M, et al Workplace risk factors and migrants' health, *Occup Environ Med* 2018;75:A137.
30. Prodanova Y. P., T. G. Kundurzhiev, M. G. Yancheva-Stoycheva, N. K. Tzacheva, K. D. **Lyubomirova**. Study of the quality of working life at the level of criteria and its relation with some demographic characteristics of the workers in healthcare organizations in Bulgaria. *Easter Academic Journal*, 2018, (1) March, 1-13.
31. Lyapina M, Kundurjiev T, **Lyubomirova K**, Stanev E, Savova Z. Contact sensitization to methacrylic monomers among dental technician students in relation to duration of educational exposure. *J of IMAB*. 2019 Apr-Jun; 25 (2): 2526-2531. DOI: <https://doi.org/10.5272/jimab.2019252.2526>

32. **Lyubomirova K**, M Tabanska, L Hristova,, M Samuneva, M Yancheva, N Tzacheva. FINDRISK and occupation: need of prevention of diabetes type 2 at the workplace European Journal of Public Health, Vol. 29, Supplement 4, 2019.
33. Prodanova Y., Staykova J., **Lyubomirova K.**, Tzacheva N., Hristova L., „Establishing and implementing/introducing innovative educational practices in training in occupational medicine and public health“, Advances in Bulgarian Science 2018, National centre for information and documentation – ISSN 1314 - 3565, Sofia, 2019, 19-24;
34. Samuneva-Zhelyabova M., **Karolina D. Lyubomirova**, Todor G. Kundurjiev, Biological Risk Factors Among Ambulance Workers In Bulgaria, Svet Rada, 2020, vol. 17, br. 2, 113-202, ISSN 1451-7841, p. 138-143;
35. POPOV, Nikolay A., Natalia SHTEREVA-NIKOLOVA, and **Karolina LYUBOMIROVA**. "Implementation of the project of distance learning in faculty of public health." International Journal on New Trends in Education & their Implications (IJONTE) 6.1
36. Popov T., **K. Lyubomirova**. Environmental problems related with petrochemical industry: health impacts of children living in the vicinity. Archives of Complex Environmental Studies. 2002, 14 Suppl: 1-5.
37. **Lyubomirova K.**, Health risk management at occupational exposure to carbon disulfide, Public health and Health Care in Greece and Bulgaria: the challenge of the cross-border collaboration, Papazissis publishers, Athens, 2010, 1159-1166.
38. **Lyubomirova K.** Occupational health management of pesticides' intoxications (a case report) Acta medica Bulgarica, vol. XXXIX, 2012, N0 2,55-60.
39. **Lyubomirova K.**, Tzacheva N., Management of occupational diseases- a challenge to the Bulgarian economy and public health. Acta medica Bulgarica, vol. XXXIX, 2012, N0 2, 61-67.