

GUENKA PETROVA

Employment Information:

- Deputy Minister of Education and science (May 2021 – continue)
- Professor on Social Pharmacy and Pharmacoeconomics Medical University of Sofia, Bulgaria (1998 – continue)
- Visiting professor Faculty of Pharmacy, University in Belgrade (Since 2003-cont)
- Deputy Rector on Science at the Medical University in Sofia (2010 - 2018)
- Visiting professor University of Nantes, IAE – during 2006 -2010
- Visiting professor Medical Universities in Bucharest, Sarajevo, Banja Luka 1998-2003
- Assoc. professor on Social Pharmacy, Medical University in Sofia 1986-1998

Education:

- Specialization on “Pharmaceutical manufacturing”, Medical University Sofia, Faculty of Pharmacy (1994-1996)
- Specialization of “Pharmaceutical economy and management”, Medical University Sofia, Faculty of Pharmacy (1991-1993)
- Specialization on Health economics – Canterbury business School – 1991
- ISPOR Distance learning course on Pharmacoeconomics
- Master of Economics, University of national and world economy, Sofia (1989-1991)
- Master of Pharmacy, Medical University Sofia, Faculty of Pharmacy (1979-1984)

Training:

- I have been participating in more than 100 seminars, workshops, congresses etc.

Academic awards and distinctions:

- ISPOR – Distinguished Achievements for the organization (2020)
- Panacea Gold – Higher achievements in the education and Science (MUS - 2004)

Teaching activities:

- Academic specialization studies Pharmacoeconomics and pharmaceutical legislation: Pharmaceutical legislation, Drug supply, Pharmacoeconomics 1.

Textbooks:

- Regulating Pharmaceuticals in Europe, Oxford Univ Press
- Pharmacoeconomics, Infopharma
- Social Pharmacy and Pharmaceutical legislation, Infopharma

Activities within the Faculty:

- Deputy Minister,
- Chef of Department,
- Deputy rector

Activities within wider Academic Community:

- Chairman of ISPOR for Central and eastern Europe (2014 - 2020)
- Member of ISPOR
- Member of Bulgarian Pharmaceutical Society
- Member of Bulgarian Association of Pharmacoeconomics
- Member of Bulgarian Association of Drug Information
- Member of Serbian Association of Pharmacoeconomics

Projects:

- Serbia 2002 - European Agency for Reconstruction Project Short term expert on “Procurement and distribution of drugs” United Kingdom
- 2002 – World health organization and London School of economics project “TRIPS and access to medicines”
- Macedonia 2000 - World health organization programme “The pharmaceutical sector reform in FYR Macedonia” term consultant of the WHO in the part of the NDP Establishment
- Romania - 1999 - 2000 Harmonisation and application of legislation in the pharmaceutical sector (EU Romania PHARE Project No: RO/97/12/L003)
- Sweden 1999 – Karolinska Institute, Department of public health science, Division of international health. National drug policy research and development project.
- Bosnia Herzegovina - 1998 PHARE BH – Health 03-97 “Pharmaceutical sector development” area objective: NDP development and implementation;
- 1999 - Patient file and patient counselling program (Pharmaciens sans frontiere) Switzerland 1997-1998 World health organization – Project on National drug policy comparative analysis
- Russia 1996 –TACIS project “Индикаторы для национальной лекарственной политики” Project financed from MU Sofia 002643/1998) – Pharmacoeconomic analysis of socially important diseases therapy.

- Project financed from MU Sofia 002887/1999) – Pharmacoeconomic analysis of socially important diseases therapy.
- Project financed from MU Sofia 002/2002) – Pharmacoeconomic assessment of the quality of life of chronically ill patients Project financed from MU Sofia /2007) –
- Market analysis of the pharmacotherapeutic group of statins Project financed by the Ministry of Education – Creation an University research infrastructure (DUNK -01-2/28.12.2009)
- Projects financed by the Ministry of Education – Pharmacoeconomic analysis of prophylactic and on demand dosage remised of hemophilia therapy
- Projects financed by the Ministry of Education – Analysis of the cost of therapy of kidney transplant patients
- Projects financed by the National Science Fund – Evaluation of the risk and compliance with therapy and their influence on the cost and QoL of COPD patients.
- Project financed by the Ministry of Education – Quality management of pharmaceuticals Project financed by the European Social Fund (OP Human resources development) – BG051PO001- 3.03 – Education of pharmacy students for consulting hypertension patients in pharmacies.
- Project financed by the Operational program Human resources development – Development of integrated informational system at the MU.
- Erasmus+KA2 Project - Strategic partnership for Joint Curriculum Development in Health Technology Assessment (JoC-HTA) –
- Erasmus+ project - Reinforcement of the Framework for Experiential Education in Healthcare in Serbia – ReFEEHS – Multy University Project
- Horizon 2020 project – (HTx) Next generation Health technology assessment
- COST project – (ENABLE) – European Network to Advance Best practices & technoLogY on medication adherence” CA19132

Publications:

- Turcu-Stiolica, A., Kamusheva, M., Bogdan, M., Tadic, I., Harasani, K., Subtirelu, M.-S., Meca, A.-D., Šesto, S., Odalović, M., Arsić, J., Stojkov, S., Terzieva, E., Petrova, G. Pharmacist's Perspectives on Administering a COVID-19 Vaccine in Community Pharmacies in Four Balkan Countries (2021) *Frontiers in Public Health*, 9, art. no. 766146, DOI: 10.3389/fpubh.2021.766146
- van Boven, J.F.M., Tsiligianni, I., Potočnjak, I., Mihajlović, J., Dima, A.L., Nabergoj Makovec, U., Ágh, T., Kardas, P., Ghiciuc, C.M., Petrova, G., Bitterman, N., Kamberi, F., Culig, J., Wettermark, B. European Network to Advance Best Practices and Technology on Medication Adherence: Mission Statement (2021) *Frontiers in Pharmacology*, 12, art. no. 748702, DOI: 10.3389/fphar.2021.748702

- Tachkov, K., Mitkova, Z., Milushewa, P., Petrova, G. Biosimilar insulins and their impact on prices and utilization of insulins in Bulgaria (2021) *Healthcare (Switzerland)*, 9 (6), art. no. 697, DOI: 10.3390/healthcare9060697
- Kamusheva, M., Tachkov, K., Dimitrova, M., Mitkova, Z., García-Sáez, G., Hernando, M.E., Goettsch, W., Petrova, G. A Systematic Review of Collective Evidences Investigating the Effect of Diabetes Monitoring Systems and Their Application in Health Care (2021) *Frontiers in Endocrinology*, 12, art. no. 636959, DOI: 10.3389/fendo.2021.636959
- Daubner-Bendes, R., Kovács, S., Niewada, M., Huic, M., Drummond, M., Ciani, O., Blankart, C.R., Mandrik, O., Torbica, A., Yfantopoulos, J., Petrova, G., Holownia-Voloskova, M., Taylor, R.S., Al, M., Piniashko, O., Lorenzovici, L., Tarricone, R., Zemplényi, A., Kaló, Z. Quo Vadis HTA for Medical Devices in Central and Eastern Europe? Recommendations to Address Methodological Challenges (2021) *Frontiers in Public Health*, 8, art. no. 612410, DOI: 10.3389/fpubh.2020.612410
- Tachkov, K., Boydzhieva, V., Mitkova, Z., Stoilov, N., Petrova, G. PHARMACOECONOMIC MODELS IN RHEUMATOLOGY (2021) *Rheumatology (Bulgaria)*, 29 (4), pp. 15-39.
- Kostova, D., Stoev, S., Tachkov, K., Petrova, G. Cost-effectiveness of in vitro fertilization and controlled ovarian hyperstimulation before and after the COVID-19 outbreak (2021) *Biotechnology and Biotechnological Equipment*, 35 (1), pp. 1821-1827. DOI: 10.1080/13102818.2021.2022993
- Seitaridou, Y., Tsekov, I., Kamusheva, M., Dimitrova, M., Petrova, G. Analysis of patients' access to reimbursed biotechnological medicines for multiple sclerosis in Bulgaria and Greece (2021) *Expert Review of Pharmacoeconomics and Outcomes Research*, DOI: 10.1080/14737167.2021.1981134
- Dimitrova, M., Milushewa, P., Petrova, E., Mihaylova, D., Tzvetanova, N., Petrova, G. Triple negative breast cancer in Bulgaria: epidemiological data and treatment patterns based on real world evidence and patient registries (2021) *Biotechnology and Biotechnological Equipment*, 35 (1), pp. 551-559. DOI: 10.1080/13102818.2021.1903338
- Tachkov, K., Mitov, K., Koleva, Y., Mitkova, Z., Kamusheva, M., Dimitrova, M., Petkova, V., Savova, A., Doneva, M., Tcarukciev, D., Valov, V., Angelova, G., Manova, M., Petrova, G. Life expectancy and survival analysis of patients with diabetes compared to the non diabetic population in Bulgaria (2020) *PLoS ONE*, 15 (5), art. no. e0232815, DOI: 10.1371/journal.pone.0232815