

# CURRICULUM VITAE

## PERSONAL INFORMATION

### Michael Mihailov Petrov



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Sex: Male | Date of birth: 07/11/1975 | Nationality: Bulgarian

## WORK EXPERIENCE

### Since April 2024 Head of the Department

Department of Medical Microbiology & Immunology "Prof. Elissay Yanev", Faculty of Medicine, Medical University of Plovdiv (<http://meduniversity-plovdiv.bg>).

Address: № 15A, "Vasil Aprilov Blvd.", Plovdiv 4002.

### Since 07.09.2010 Associate Professor

Medical University of Plovdiv, Department of Medical Microbiology & Immunology "Prof. Elissay Yanev", Faculty of Medicine, Medical University of Plovdiv.

- Leading lecturer of the "Microbiology" course for students in the Medical University of Plovdiv and the Medical College of Plovdiv.
- Control of academic activities
- Control of the educational activities and a main examiner in Microbiology

Business or sector Microbiology and Immunology, Infectious Diseases

### From 16.01.2007 to 07.09.2010 Research Associate 2<sup>nd</sup> degree

National Center of Infectious and Parasitic Diseases

Address: № 26, Yanko Sakazov Blvd., Sofia 1504 (<http://www.ncipd.org/>)

- Chief coordinator of the Bulgarian National surveillance system, monitoring the etiology of infections, antimicrobial resistance and antibiotic consumption - BulSTAR (Bulgarian Surveillance Tracking of Antimicrobial Resistance)
- Chief coordinator of the National Laboratory Information Software System for Microbiology Laboratory Management in Bulgaria: „Clinical Microbiology and Infections Surveillance" (NIS "CMIS")

Business or sector Microbiology and Infectious Diseases

## EDUCATION AND TRAINING

**13.04.2020 Medical specialty "Master of Healthcare Management (MHcM)".**  
 Faculty of Public Health „Prof. Todor Zahariev” at the Medical University of Plovdiv (Bulgaria).  
 ▪ Testimony of medical specialty in "Master of Healthcare Management" (diploma with registration № 837 / 13.04.2020; Series MUP 2019; № 015127).

**26.04.2010 Associate Professor**  
 Higher Attestation Commission, Council of Ministers of the Republic of Bulgaria  
 ▪ Acquisition of Academic (Scientific degree) title "Associate Professor" in the field of "Medical microbiology" (diploma with registration № 26174 / 26.04.2010), Medical University of Plovdiv.

**22.01.2007 Medical specialty "Microbiology".**  
 Department of Microbiology, Medical University of Sofia, Bulgaria  
 ▪ Testimony of medical specialty in "Microbiology" (diploma for recognized specialty № 011700 / 223.01.2007).

**20.11.2006 Philosophiae doctor (Ph. D.) or "Doctor of Philosophy"**  
 National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria. Department of "Microbiology", National Reference Laboratory for "Control and Monitoring of Antimicrobial Resistance"  
 ▪ Public defense of a dissertation on the topic: "Study and optimization of the National Surveillance of the etiological structure of infections, bacterial resistance and antibiotic consumption in Bulgaria - BulSTAR (Bulgarian Surveillance Tracking Antimicrobial Resistance)  
 ▪ Acquisition of Educational and scientific degree "Doctor of Philosophy" (Ph. D.) (diploma with registration № 31423 / 28.05.2007).

**15.09.1994 - 30.06.2001 Master's degree in Medicine**  
 Master's degree in Medicine (Diploma with registration № 7683/12.10.2001), Regular training - government procurement, Specialty "Medicine". Medical University – Sofia.

# CURRICULUM VITAE

Mother tongue(s) Bulgarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Russian	B2	B2	B1	B1	B1
German	A2	A2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

## Communication skills

- **Verbal Communication:** Excellent skills in clearly and effectively expressing ideas both verbally and in writing. Ability to present complex information in an understandable manner to various audiences.
- **Presentation Skills:** Many years of experience giving small and large groups presentations and training. Ability to engage audiences and maintain their interest through interactive methods.
- **Interpersonal Communication:** Excellent teamwork and collaboration skills with colleagues from different departments and divisions. Ability to build trust and create a positive work atmosphere. Excellent tutor of students and supervisor of PhD students and graduate students. Good collaboration with the team as Head of the Department of Medical Microbiology and Immunology "Prof. Dr. Elisey Yanev".

## Organisational / managerial skills

- **Planning and Time Management:** Excellent planning and task prioritization skills to ensure effective completion of projects on time. Ability to manage multiple projects simultaneously without compromising quality.
- **Coordination:** Ability to coordinate team activities and delegate tasks based on each member's strengths. Responsible and effective manager of staff in the Department of Medical Microbiology and Immunology (currently more than 30 people). Experienced in leading cross-functional teams and ensuring smooth communication between them.
- **Resource management:** ability to optimize the use of available resources (human, financial, material) to maximize efficiency and productivity.
- **Flexibility and Adaptability:** Ability to adapt to changing conditions and priorities. Willingness to take on new challenges and find creative solutions to unexpected problems.
- **Multitasking:** Ability to work effectively on multiple tasks simultaneously while maintaining high-quality performance. Ability to balance between short-term and long-term goals.

## Job-related skills

**An accomplished scientist, experimenter and examiner.** Detailed observation and management of data and processes and skilled in structuring professional conclusions. Good work in processes to control scientific output and quality of work.

**Computer skills**

1. Proficiency in Microsoft Office™ (Word™, Excel™, PowerPoint™, etc.);
2. Good proficiency in microbiology laboratory management and nosocomial infection surveillance software programs: CMEH, WHONET and CMNI (Clinical Microbiology and Nosocomial Infections).
3. Good knowledge of software programs for monitoring and measuring antibiotic consumption: ABC Calculator, AMC Tool, etc.
4. Good proficiency in Software products for processing and statistical analysis of microbiological and epidemiological data: SPSS, Epi Info, Epi Data, etc.

**Driving licence**

Category "B"

**ADDITIONAL INFORMATION**
**Areas of scientific interest**

1. Antibiotics. New antimicrobial agents
2. Antimicrobial resistance
3. Antibiotic consumption
4. Surveillance of antimicrobial resistance & antibiotic consumption
5. Modern methods for rapid identification and antimicrobial susceptibility testing in microbiology

**Total number of scientific publications**

Total number: 47

Available at: <https://www.researchgate.net/profile/Michael-Petrov-2/publications>
**Internet address of scientific publications**
**H-index**
[https://scholar.google.com/citations?hl=en&user=CCRRDKsAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=CCRRDKsAAAAJ&view_op=list_works&sortby=pubdate)
**Number of citations**

15

**Participation in scientific forums, congresses and conferences**

More than 1000

**Participation in scientific & educational projects**

More than 60

**Academic & scientific memberships**

1. European Society of Clinical Microbiology and Infectious Diseases (ESCMID);
2. International Nosocomial Infection Control Consortium (INICC);
3. Infectious Diseases – International Research Initiative (ID-IRI);
4. Bulgarian Medical Union (BMU);
5. Bulgarian Association of Microbiologists (BAM);
6. Union of Scientists in Bulgaria (USB);
7. Bulgarian Society for Microbiology (BG-BSM).