

Curriculum Vitae

Europass Format

Personal Information

Name: Petar Petrov

Phone: +389 71 207 261

Email: petrovpetar2012@gmail.com

Date of birth: 18 April 1984

Nationality: Macedonian

Gender: Male

Education and Training

- 12 July 2024, Skopje
Degree: PhD in Sciences
Field: Biochemistry and Physiology
Institution: Faculty of Natural Sciences and Mathematics, UKIM Skopje
- 17 January 2014, Skopje
Degree: MSc in Agrochemistry
Field: Natural Resource Management, Agrochemistry module
Institution: Faculty of Agricultural Sciences and Food, UKIM Skopje
- 28 May 2010, Skopje
Degree: BSc Agricultural Engineer
Field: Plant Biotechnology
Institution: Faculty of Agricultural Sciences and Food, UKIM Skopje

Work Experience

- Since 06.12.2024
Role: Assistant Professor
Duties: Teaching and research in Biochemistry and Physiology
Employer: Institute of Animal and Fishery Science– UKIM
- 05.12.2023–05.12.2024
Role: Senior Lab Technician
Duties: Experimental research in biotechnology
Employer: Institute of Animal and Fishery Science– UKIM

- 06.06.2022–Present
Role: Senior Assistant and Demonstrator
Duties: Laboratory and teaching in Biochemistry, Plant Physiology, Food Analysis
Employer: Institute of Biology, PMF UKIM
- 2015–2022
Role: Lecturer
Duties: Teaching: Biochemistry, Physiology, Nutrition
Employer: MIT University – Skopje
- 2014–2015
Role: Head of Agricultural Production Sector
Duties: Planning, organizing and supervising agricultural production
Employer: Skopsko Pole AD – Petrovec
- 2009–2014
Role: Technical Associate / Demonstrator
Duties: Laboratory and teaching support in agrochemistry and ecology
Employer: Faculty of Agricultural Sciences and Food – UKIM
- 2009
Role: Government Intern
Duties: Support activities at the Ministry of Agriculture
Employer: Ministry of Agriculture, Forestry and Water Economy
- 2007–2009
Role: Demonstrator
Duties: Lab work in agrochemistry and soil/water analysis
Employer: Faculty of Agricultural Sciences and Food – UKIM

Courses and Trainings

- Agrobusiness Forum (AIESEC Skopje, Dec 2012)
- Unitet for Tomorrow (AIESEC Skopje, Sep 2013)
- ISO/IEC 17025:2006 Implementation (FASF, 2016)
- Potentiometric methods – pH and conductivity (Mettler Toledo & Pharmachem, 2016)
- Metrofood RI – Metrology in Food and Nutrition (Pro METROFOOD, 2017)
- Health and Safety at Work (Internal Auditors' Association, 2018)
- Office Software Proficiency (Center for International & Development Studies, 2022)

Languages

Mother tongue: Macedonian

English: B1

Technical and Digital Skills

Lab methods: UV/VIS, IR, GC, HPLC, AAS, gravimetric and volumetric analysis.

Digital skills: MS Word, Excel, PowerPoint, Internet.

Scientific Publications and Teaching Materials

Author and co-author of over 30 university textbooks and laboratory manuals.

Author of over 30 international journal papers (indexed), including:

- Petrov P., Markoska V. (2015). Rationalization of the soil resources in plant nutrition. KNOWLEDGE Int. J.
- Petrov P., Cvetanovska L. (2016). Total nitrogen and protein in wheat species. KNOWLEDGE Int. J.
- Petrov P., Mitrovski B. (2016–2018). Several studies on fertilization and sugar synthesis. Int. J. Series.
- Cvetanovska L., Petrov P. (2023). Biochemistry of Plants. PMF UKIM – Textbook & Lab Manual.
- Petrov P., Belichovska D., et al. (2024). Influence of fat on sensory properties of meat. MJAS.

Projects and Applied Research

- 2024 – Evaluation of poultry waste footprint during egg production – MZSV
- 2024 – Improvement of livestock food quality and primary animal products – MZSV
- 2023–2024 – Mycelium as Eco Raw Material of the Future – Fund for Innovation
- 2022 – Agricultural Waste Segregation – Ecolinks Consulting, Radovich

Conference Presentations and Participation

- 2015–2019 – Multiple presentations at RemTech Europe, Italy; IKM Knowledge Conferences in Bulgaria, Greece, Albania, Slovakia
- 2016 – RAD Conference, Serbia; Contaminated Sites, Slovakia
- 2018 – AGRORES, Banja Luka; RemTech, Ferrara; RYCO Youth Forum, Serbia

Membership and Roles in Organizations

- Member of Organizational Boards – Global Challenges 2016, New Directions 2017
- Secretary – MIT University (2016–2018)
- Lecturer at workshops – Food Safety and Climate Change (2016)