



Curriculum vitae Europass

Personal information

Last name / First name

Munteanu Oana

Adresă

Splaiul Tudor Vladimirescu nr. 14,
300173 Timisoara, Timiș, Romania

E-mail

munteanu.oana@umft.ro

Nationality

Romanian

Professional experience

Period

March 2005 - present

Function or position held

Lecturer

Main activities and responsibilities

Supporting course and laboratory activities with first-year students from the Faculty of General Medicine, first year Faculty of Dental Medicine, first year Dental Technical Specialization, second year Faculty of General Medical Assistance

Name and address of employer

"Victor Babeș" University of Medicine and Pharmacy in Timișoara

Type of activity or sector of activity

Teaching

Period

March 2001 - February 2005

Function or position held

Teaching Assistant

Main activities and responsibilities

Laboratory activities with first-year students from the Faculty of General Medicine, first-year students from the Faculty of Pharmacy

Name and address of employer

"Victor Babeș" University of Medicine and Pharmacy in Timișoara

Type of activity or sector of activity

Teaching

Period

October 1999 - February 2001

Function or position held

Junior Teaching Assistant

Main activities and responsibilities

Laboratory activities with first-year students from the Faculty of General Medicine and the Faculty of Dental Medicine

Name and address of employer

"Victor Babeș" University of Medicine and Pharmacy in Timișoara

Type of activity or sector of activity

Teaching

Period

March 1998 - September 1999

Function or position held

Scientific research intern assistant

Main activities and responsibilities

Participation in scientific research activities within projects focusing on physical processes in hydrothermal conditions at high pressures and temperatures

Name and address of employer

National Research Institute for Electrochemistry and Condensed Matter Timișoara

Type of activity or sector of activity

Scientific research

Education and training

Period

June 2013

Qualification / diploma obtained
Main fields studied / skills acquired
Name and type of educational institution/training provider
Classification level of the form of education/training

Certificate of professional competence
Educational Sciences, Specialty Didactics - Physics
University of Pitesti

Period

MarCH 2009 – MarCH 2011

Qualification / diploma obtained
Main fields studied / skills acquired
Name and type of educational institution/training provider
Classification level of the form of education/training

Postgraduate Diploma in Specialization Chemistry
West University of Timisoara

Period

October 1998 – December 2006

Qualification / diploma obtained
Main fields studied / skills acquired
Name and type of educational institution/training provider
Classification level of the form of education/training

PhD in Medicine
"Effects of ultrasound and microwaves on excitable systems"
• "Victor Babeş" University of Medicine and Pharmacy in Timișoara

Period

October 1989 – July 1994

Qualification / diploma obtained
Main fields studied / skills acquired
Name and type of educational institution/training provider
Classification level of the form of education/training

Bachelor's Degree in Physics
• West University of Timisoara

Period

September 1985 - July 1989

Qualification / diploma obtained
Main fields studied / skills acquired
Name and type of educational institution/training provider
Classification level of the form of education/training

Baccalaureate Diploma
• C. D. Loga Mathematics-Physics High School in Timișoara

Personal skills and competencies

Membership in professional bodies

- President of the Timisoara Branch of SRBPA
- Member of the Romanian Physical Society

Maternal language

Romanian

Foreign language(s) known

English

Self-assessment

Understanding		Speaking		Writing
Listening	Reading	Joining the conversation	Oral speech	Written expression

English language	B2 Independent user
	(*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine
Social skills and abilities	Patience, attention to detail, team spirit, empathy
Computer skills and abilities	Medium level
Other skills and abilities	<p>A. Grants</p> <p>B. Awards</p> <p>C. List of 10 representative works</p> <ol style="list-style-type: none"> 1. Cretescu I, Munteanu O, Mocanu V, Horhat R 2026. Evaluation of Five Bioelectrical Impedance Analysis Equations Against Air-Displacement Plethysmography in an Eastern European Population, Appl. Sci. 2026, 16(2), 1082. (ISI; IF = 2.5) 2. Cretescu I, Horhat R, Mocanu V, Munteanu O 2025. Bioelectrical Impedance Versus Air-Displacement Plethysmography for Body Fat Measurements in Subjects with Abdominal Obesity: A Comparative Study, Appl. Sci. 2025, 15, 2056. (ISI; IF = 2.5) 3. Muntean P, Miclos-Balica M, Macavei G.A., Munteanu O, Neagu A, Neagu M 2024. Anthropometric Formulas Repurposed to Predict Body Fat Content from Ultrasound Measurements of Subcutaneous Fat Thickness, Symmetry, 2024, 16(8), 962. (ISI; IF = 2.2) 4. Muntean P, Popa A, Miclos-Balica M, Munteanu O, Neagu A, Neagu M 2023. Learning Effects in Air Displacement Plethysmography, Life, 2023, 13(6), 1315. (ISI; IF = 3.2) 5. Miclos-Balica M, Muntean P, Petras A, Daoud A, Popa S, Sima I, Glisici B, Cirja O, Schick F, Neagu A, Munteanu O, Pupazan V, Neagu M 2020. Using ultrasound to assess normal weight obesity, Romanian Journal of Biophysics, Vol. 30, No. 3, pp. 77-90. (BDI) 6. Munteanu O, Neagu A, Hărăguș H.G, Neagu M 2019. Evaluation of the Tester's Influence on the Results of Air Displacement Plethysmography, Romanian Journal of Biophysics, Vol. 29, No. 4, pp. 101-112. (BDI) 7. Muntean P, Petras A, Popa S, Sima I, Glisici B, Cirja O, Schick F, Neagu A, Munteanu O, Pupazan V, Neagu M 2018. Evaluation of errors caused by pulmonary and cutaneous evaporation in body composition assessments by repeated measures protocols of air displacement plethysmography, Romanian Journal of Biophysics Vol. 28, No. 4, pp. 137-146. (BDI) 8. David O. T, Tuce R. A, Munteanu O, Neagu A, Panainte I 2017. Evaluation of the influence of patient positioning on the reliability of lateral cephalometry, Radiologia Medica, 2017, 122(7), pp. 520-529. (ISI, IF = 1.819) 9. David O. T, Munteanu O, Tuce R. A, Neagu A, Bîrsășteanu F 2017. CT numbers inferred from cone-beam computed tomography, Romanian Journal of Biophysics, Vol. 27, No 1, pp. 1–12. (BDI) 10. Crețescu I, Horhat R, Munteanu O, Căpriță R. 2017. Evaluation of biophysical characteristics of commercially available fluoride mouth rinses, Romanian Journal of Biophysics, Vol. 27, No 3, pp. 81–88. (BDI)
Annexes	

Data
04.03.2026

Signature