

CURRICULUM VITAE

I. PERSONAL INFORMATION

First name and Surname: MUNTEAN Paul Sebastian

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II. EDUCATION AND TRAINING

1. Residency

- 2019 - to date, Physical Medicine and Rehabilitation, Emergency City Hospital Timișoara

2. Doctoral studies

- PhD student, 2018 - to date, Doctoral School Medicine-Pharmacy, "Victor Babeș" University of Medicine and Pharmacy, Timișoara, Romania

3. University

- 2012 – 2018, Faculty of Medicine, "Victor Babeș" University of Medicine and Pharmacy, Timișoara, Romania

a. Tutor activity:

- 2015-2018 - tutor student at the Department of Pathophysiology
- 2013-2014 – tutor student at the Department of Clinical Abilities

b. Volunteer activity:

- **2015** – participation as volunteer in the research activity of the Laboratory of Animal Physiology, Faculty of Science, Aristotle University of Thessaloniki, Greece, between 1-31 July 2015, under the supervision of Prof. Antigone Lazou
- **2013-2014** – participation as volunteer within the study titled "*Evaluation of growth and development of preschool and school age children 2013-2014*" carried out by the Department of Genetics at our University in collaboration with the "Louis Țurcanu" Children Emergency Hospital of Timișoara, Romania
- **2012** – participation as volunteer in the organization of the international scientific meeting "*Sudden Cardiac Death & Cardioprotection*" at the "Victor Babeș" University of Medicine and Pharmacy under the auspices of International Academy of Cardiovascular Sciences (IACS) held in Timișoara between 6-9 September 2012

c. Summer schools:

International:

- "*Telemedicine Summer School*", August 21-24, 2013, organized by the Faculty of Medicine at the University of Szeged, Hungary

National:

- Summer school "*Liver - From Function to Dysfunction*", July 14-19, 2014, organized by the Faculty of Medicine at the "Victor Babeș" University of Medicine and Pharmacy, Timișoara, Romania
- Summer school "*Primary Clinical Abilities*" within the University project POSDRU 86/1.2/S/63815 - eMediqual, September 5-14, 2013, Timișoara, Romania

d. International mobility

- IFMSA fellowship in the Department of Forensic Medicine and Toxicology, Aristotle University of Thessaloniki, Greece, between 1-31 July 2015

e. Educational Projects

- **Pilot Module of Integrated Curriculum:** "*Biosignals - clinical applications*" within the University project POSDRU 86/1.2/S/63815 - eMediqual, April 5 - 27, 2013, Timișoara, Romania

- **Demonstrative lecture** "*Human Body: From Galen Anatomic Studies to Modern Imaging Techniques*" organized within the closing conference of the POSDRU project 86/1.2/S/63815
- eMediqual, 21.11.2013, Timișoara, Romania

4. High School

- 2008 – 2012, High School of Telecommunications, Timișoara

III. PARTICIPATION IN SCIENTIFIC MEETINGS AND POSTGRADUATE LECTURES

- The 44th National Congress Of Medical Rehabilitation, September 23-25, 2021, Poiana Brașov, Romania
- National Online Conference of Biophysics - CNB 2020, June 14-16, 2020, Brașov, Romania
- Workshop "*Psoriatic arthritis - multilevel disease*", March 22, 2019, Timișoara, Romania
- National Conference "*Holistic approach of the rheumatic patient*", May 24-25, 2019, Timișoara, Romania
- Timișoara Medical Education Days workshop - "*How to write and publish a scientific paper*", March 6, 2019, Timișoara, Romania
- "*Cardiovascular Congress of Rehabilitation and Prevention in Pecs, Interdisciplinary Vascular Conference in Pecs, European Section Meeting of IACS (International Academy of Cardiovascular Sciences)*", September 28-30, 2017, Pecs, Hungary
- National Congress with international participation "*Cardiocare*", May 6-7, 2016, Timișoara, Romania
- Conference "*Vaccination: safe or not?*", March 21, 2016, Timișoara, Romania
- The XIXth International Congress for Medical Students and Young Doctors "*Medis Timișoara 2016*", March 3-6, 2016, Timișoara, Romania
- First Edition of the "*Malpraxis*" Conference, November 19-20, 2015, Timișoara, Romania
- "*Sleep Medicine: from dream to reality*", November 11, 2015, Timișoara, Romania
- "*Anxious and Depressive Pathology*", October 30, 2015, Timișoara, Romania
- Advanced Research Workshop "*Translational research in mitochondria disease*", October 16, 2015, Timișoara, Romania
- "*National Course of Guidelines and Protocols in Anesthesia, Intensive Care and Emergency Medicine*", October 8-10, 2015, Timișoara, Romania
- "*Timișoara Medical Education Days*" Conference, April 15-17, 2015, Timișoara, Romania
- Conference "*Tuberculosis in the XXIst Century*" - SCOPH Department, March 24, 2015
- Conference "*Prevention in chronic kidney disease*" - SCOPH Department, March 12, 2015
- The 53rd National Congress of Cardiology, October 2-4, 2014, Sinaia, Romania
- "*Timișoara Medical Education Days*" Conference, March 24- 26, 2014, Timișoara, Romania
- Conference & Advanced Research Workshop "*Sudden Cardiac Death & Cardioprotection*", September 6-9, 2012, Timișoara, Romania
- "Post Covid-19 Pulmonary Rehabilitation", April 19-23, 2021, U.M.F. "Grigore T. Popa", Iași, Romania
- "Current complexity of fibromyalgia management", November 6-15, 2019, U.M.F. "Victor Babeș" Timișoara, Romania

IV. PERSONAL SKILLS

- **Foreign languages:** **English** – advanced, **German** – medium, **French** – beginner
- **Computer skills:** PC - software: Microsoft Word, Power-Point, Excel, Adobe Photoshop
- **Driving license:** category B
- **Cross-country mountain biking (several prizes in national competitions)**

Paul S. MUNTEAN

Timișoara, 19.11.2021

LIST OF PUBLICATIONS

1. **Muntean P.**, Micloș-Balica M., Popa A., Neagu A., Neagu M. **Reliability of Repeated Trials Protocols for Body Composition Assessment by Air Displacement Plethysmography**. International Journal of Environmental Research and Public Health, 2021:18(20), 10693; doi.org/10.3390/ijerph182010693
2. Micloș-Balica M., **Muntean P.**, Schick F., Hărăguș H., Glisici B., Pupăzan V., Neagu A., Neagu M. **Reliability of body composition assessment using A-mode ultrasound in a heterogeneous sample**. European Journal of Clinical Nutrition, 2021;75:438–445
3. **Muntean P.S.**, Micloș-Balica M., Popa A., Pupăzan V., Neagu A., Neagu M. **The Reliability of Repeated Measures Protocols in Air Displacement Plethysmography: a Comparative Study**. National Online Conference of Biophysics "CNB 2020", 14-16 June, 2020, Brașov, România. Book of Abstracts 2020:p87, ISBN 978-606-19-1258-2
4. Micloș-Balica M., **Muntean P.S.**, Petraș A., Daoud A., Popa S., Sima I., Glisici B., Cirja O, Schick F., Neagu A., Munteanu O., Pupăzan V., Neagu M. **Using Ultrasound to Assess Normal Weight Obesity**. National Online Conference of Biophysics "CNB 2020", 14-16 June, 2020, Brașov, România. Book of Abstracts 2020:p30, ISBN 978-606-19-1258-2
5. **Muntean P.S.**, Micloș-Balica M., Pupăzan V., Neagu M., Drăgoi R.G., Dinu A.R., Drăgoi M., Neagu A. **A comparison of body composition assessment by air displacement plethysmography and ultrasound in athletes**. Al 42-lea Congres Național Anual de Reabilitare Medicală cu Participare Internațională, 2-5 octombrie, 2019, Cluj, România, **Volum de Rezumate 2019**:p52, ISSN 2457-9785, ISSN-L 2457-978
6. Dinu A.R., Drăgoi M., Dușe A.O., Săndesc M.A., Petraș A., **Muntean P.S.**, Drăgoi R.G. **The Impact of Foot Distorsions on Balance and Walking**. Al 42-lea Congres Național Anual de Reabilitare Medicală cu Participare Internațională, 2-5 octombrie, 2019, Cluj, România, **Volum de Rezumate 2019**:p57, ISSN 2457-9785, ISSN-L 2457-978
7. **Muntean P.S.**, Micloș-Balica M., Pupăzan V., Neagu M., Neagu A. **Body fat assessment by air displacement plethysmography and abdominal ultrasound: correlations with the body mass index**. The 6th Meeting of European Section and the 7th Meeting of North American Section of International Academy of Cardiovascular Sciences (IACS), September 11-14, 2019, Vrnjacka Banja, Serbia, **Abstract Book 2019**:p207, ISBN 978-86-7760-136-2
8. **Muntean P.S.**, Micloș-Balica M., Pupăzan V., Neagu M., Neagu A. **The role of air displacement plethysmography and abdominal ultrasound in assessing body fat: a pilot study of correlation with body mass index**. The 11th National Conference with International Participation of the Romanian Society of Pathophysiology, September 4-7, 2019, Târgu-Mureș, România, **Acta Medica Marisiensis 2019**: 65(7):p12, p-ISSN 2068-3324, e-ISSN 2247-6113
9. **Muntean P.**, Petraș A., Popa S., Sima I., Glisici B., Cirja O., Schick F., Neagu A., Munteanu O., Pupăzan V., Neagu M. **Evaluation of systematic errors caused by pulmonary and cutaneous evaporation in body composition assessments by repeated measures protocols of air displacement plethysmography**. The National Conference of Biophysics, September 7-10, 2018, București, România - *lucrare premiată cu Premiul I pentru cel mai bun articol publicat în "Romanian Journal of Biophysics"*
10. Ionică L., **Muntean P.**, Duicu O., Sturza A. **Methylene blue alleviates endothelial dysfunction in experimental diabetes**. The XXth International Congress for Medical Students and Young Doctors MEDIS, March 16-19, 2017, Timișoara, Romania, **MEDIS Timișoara Abstracts's Journal nr. IX 2017**;P.9:92, ISSN 1843-9128
11. Văduva, A., **Muntean, P.**, Sturza, A., Dema, A. **Design of a custom algorithm for image analysis of vascular preparations stained with dihydroethidium**. Conference of the Romanian Society of Pathophysiology, September 7-9, 2017, Cluj-Napoca, Romania, **Clujul Medical: 90(5)**:S73, p-ISSN 1222-2119, e-ISSN 2066-8872 - *lucrare premiată cu Premiul I la secțiunea prezentări Postere*
12. **Muntean P.S.**, Crișan T.S., Văduva A., Duicu O., Mornoș. C. **Assessment of oxidative stress by confocal microscopy in human atrial samples from coronary patients with and without diabetes**. The XIXth International Congress for Medical Students and Young Doctors MEDIS, March 3-6, 2016, Timișoara, Romania, **MEDIS Timișoara Abstracts's Journal nr. VIII 2016**;P.S.3:66, ISSN 1843-9128
13. **Muntean P.S.**, Tiugan A.D., Popescu A., Văduva A., Dema A. **Standardization of the dihydroethidium staining technique for the detection of reactive oxygen species**. Congresul Național al Societății Române de Fiziopatologie „O abordare integrativă în educație și cercetare”, 7-10 mai, 2015, Iași, Romania, Volum rezumate, p.201-202, Ed. „Gr.T.Popa„ Iași, ISBN 978-606-544-311-2 - *lucrare premiată cu Premiul I la secțiunea Postere ale studenților*
14. **Muntean P.S.**, Marian L., Micu-Șerbu B., Gafencu M. **Medical students as partners for young people in fighting addiction to psychoactive substances** – poster prezentat la "Timișoara Medical Education Days" Conference, April 15-17, 2015, Timișoara, Romania
15. **Muntean P.S.**, Miloicov V.B., Cobzariu I.F. **Cardiopulmonary resuscitation - clinical skills** – poster prezentat la "Timișoara Medical Education Days" Conference, March 24-26, 2014, Timișoara, Romania