



# Europass Curriculum Vitae

## Personal information

First name / Surname **Mihai BERTEANU**

## Occupational field

Professor of Physical and Rehabilitation Medicine at the University of Medicine and Pharmacy, "Carol Davila", Bucharest, PhD Senior Consultant, Elias University Hospital, Bucharest, Romania. UEMS PRM Board certified PRM specialist since 2005.

## Work experience

Dates	2010 – onwards
Occupation or position held	Head of Medical Rehabilitation Department; Professor in Physical and Rehabilitation Medicine (PRM)
Main activities and responsibilities	Clinical practice and research in PRM, Lectures and practical demonstrations for specialists in CME
Name and address of employer	Elias University Hospital, 17 Marasti Blvd, Bucharest
Type of business or sector	Healthcare institution
Dates	2007 – 2010
Occupation or position held	Medical Manager, Professor in PRM
Main activities and responsibilities	Management, Lectures and other educational activities
Name and address of employer	Elias University Hospital, 17 Marasti Blvd, Bucharest
Type of business or sector	Healthcare institution
Dates	2003 – 2007
Occupation or position held	Head of Medical Rehabilitation Dept.; Lecturer
Main activities and responsibilities	Clinical practice and research in PRM, educational activities Lectures and practical demonstrations for specialists in CME
Name and address of employer	Elias University Emergency Hospital, 17 Marasti Blvd, Bucharest
Type of business or sector	Healthcare institution
Dates	1994 – 2003
Occupation or position held	Medical Doctor, Senior Consultant in Physical & Rehabilitation Medicine, Assistant Professor

Main activities and responsibilities	Lectures and practical demonstrations for specialists in CME (Continuous Medical Education), specialists, residents and students.
Name and address of employer	University Hospital Bucharest, 169 Splaiul Independentei, Bucharest
Type of business or sector	Healthcare institution

Dates	1990 – 1994
Occupation or position held	Resident physician
Main activities and responsibilities	Medical practice in the field of PM&R
Name and address of employer	University Hospital Bucharest, 169 Splaiul Independentei, Bucharest
Type of business or sector	Healthcare institution

## Education and training

Dates	2004
Title of qualification awarded	Specialist in Biofeedback
Principal subjects/occupational skills covered	Biofeedback in Medicine
Name and type of organisation providing education and training	University Winterthur, Switzerland

Dates	2003
Title of qualification awarded	PhD <i>cum laudae</i> in neurological rehabilitation with the Thesis: "The merit of electromyographic biofeedback in regaining voluntary control of movement, improvement of muscle strength and in the treatment of spasticity"
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania

Dates	December 4 2003
Principal subjects/occupational skills covered	Inflammation in some rheumatic diseases.
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania

Dates	November 25 2003
Principal subjects/occupational skills covered	Quality of life of old age people with musculo – skeletal diseases
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania

Dates	May 3 – 4 2001
Principal subjects/occupational skills covered	Urodynamics exploration

Name and type of organisation providing education and training Regional Centre for Functional Re-education and Re-adaptation, Angers, France.

Dates November 21 – 22 2001

Principal subjects/occupational skills covered News in electromyography

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates April 28 – 30 2001

Title of qualification awarded Competence in regional anesthesia techniques

Principal occupational skills covered regional anesthesia techniques

Name and type of organisation providing education and training Regional Centre for Functional Re-education and Re-adaptation, Angers, France

Dates February 24 – 26 2000

Principal subjects/occupational skills covered Peripheral nerve blocks

Name and type of organisation providing education and training University of Medicine Innsbruck

Dates November 1998

Principal subjects/occupational skills covered News in Regional Anesthesia

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates October 1998

Principal subjects/occupational skills covered Biostimulation with LASER

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates May 1998

Principal subjects/occupational skills covered Methodology of Postacute Rehabilitation of Hemiplegic Patients

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates January – April 1998

Principal subjects/occupational skills covered Neurological Rehabilitation

Name and type of organisation providing education and training Clinic for Neurological Rehabilitation, Klinik Berlin, Germany

Dates March 1997  
Principal subjects/occupational skills covered News in Geriatric Rehabilitation  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates January 6 -13 1997  
Principal subjects/occupational skills covered Medical Rehabilitation  
Name and type of organisation providing education and training University Clinic Saint Luc, Bruxelles, Belgium

Dates October 1993  
Principal subjects/occupational skills covered Refresher course in Homeopathy  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania – foreign lecturers

Dates October 1992  
Principal subjects/occupational skills covered Refresher course in Homeopathy  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates October 1991 – October 1992  
Title of qualification awarded Competence in Acupuncture  
Principal subjects/occupational skills covered Acupuncture  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates April 1991 – July 1992  
Title of qualification awarded Competence in Homeopathy  
Principal subjects/occupational skills covered Homeopathy  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates May 6 -11 1991  
Principal subjects/occupational skills covered Homeopathy  
Name and type of organisation providing education and training International Homeopathy League, Congress of International Homeopathy League, Koln, Germany

Dates 1981 – 1987  
 Title of qualification awarded Medical Doctor  
 Name and type of organisation providing education and training University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania

**Personal skills and competences**

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
<b>German</b>	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
<b>French</b>	B2	B2	B1	B1	B1

(\*) Common European Framework of Reference for Languages

Social skills and competences Leadership, teamwork and communication skills. Certified Trainer (2002)

Organisational skills and competences Organizer of national and international congresses and other scientific events on Physical Medicine and Rehabilitation (since 1999). Course of entrepreneurship (2000). Course of Management of Health Services (2003) and course of Hospital management (2006)

Computer skills and competences Proficient PC user with experience in Microsoft Office programs.

Driving licence Owner of B class vehicles driving licence

## Professional Activity

### Awards:

- Gold Medal for the invention Mechatronic system for Vertical Alternative Swinging of the Pelvic Girdle, The 4<sup>th</sup> International Invention Innovation Competition in Canada, iCAN 2019, TISIAS. 24<sup>th</sup> Aug 2019.
- Gold Medal for the invention "Botulinum Toxin Guided Injection Device for Spasticity Treatment", M Berteanu, L Seiciu, V Barbu, The 4<sup>th</sup> International Invention Innovation Competition in Canada, iCAN 2019, TISIAS. 24<sup>th</sup> Aug 2019.
- Gold Medal for the invention "Botulinum Toxin Guided Injection Device for Spasticity Treatment", L Seiciu, M Berteanu, V Barbu, IWIS 17 Oct 2018 Warsaw, Poland
- Excellence Award of Global Exhibitions – Toronto International Society of Innovation and Advanced Skills, for the the invention "Botulinum Toxin Guided Injection Device for Spasticity Treatment", L Seiciu, M Berteanu, V Barbu, IWIS 17 Oct 2018 Warsaw, Poland
- "Best Paper Award" of the International Academy, Research, and Industry Association, for the paper "Using Adaptive Immersive Environments to Stimulate Emotional Expression and Connection in Dementia Care: Insights from User Perspectives Towards SENSE-GARDEN", by Gemma Goodall, Ileana Ciobanu, et al, Mihai Berteanu, Artur Serrano, presented during HUSO 2018, The Fourth International Conference on Human and Social Analytics, held in Venice, Italy during June 24 - 28, 2018.
- Diploma of the Federation Francaise des Inventeurs, for the invention: „Mechatronic System of Vertical Alternating Oscillation of Pelvic Belt”, Salon International des Inventions, Geneve 2018.
- Silver Medal for the invention: „Mechatronic System of Vertical Alternating Oscillation of Pelvic Belt”, Salon International des Inventions, Geneve 2018.
- Gold Medal for the invention: „Mechatronic System of Vertical Alternating Oscillation of Pelvic Belt”, 12 october 2016, International Warsaw Invention Show IWIS 2016.
- "Iuliu Hatieganu" Award, conferred on December 15, 2011, by The Romanian Academy for "Tratat de reabilitare pulmonara", sub redacția Tudorache VM, Ed. Mirton Timișoara 2009
- The Diploma of "Ambient Assisted Living J.P. Award finalist" conferred in 2011 by the AAL Forum 2011, for the Project Is-Active.
- The Order of "Meritul Sanitar in grad de cavalier", conferred by the Romanian Government, 2010.

### Member in professional and scientific societies:

- Corresponding Member of Romanian Academy of Medical Sciences (2017 – ongoing)
- Member of Romanian Society of Rehabilitation Medicine ( 1990 - ongoing)
- Member of International Society of Physical and Rehabilitation Medicine ( 2000- ongoing)
- President of the Romanian Society of Physical Medicine and Rehabilitation (2008-2013)
- General Secretary of the Romanian Society of Physical Medicine and Rehabilitation (1998-2008)
- National Representative of Physical Medicine and Rehabilitation at UEMS (2002 – ongoing)
- Chairman of Professional Practice Committee of UEMS-PRM (2011-2014)
- Board member of the International Society of Physical and Rehabilitation Medicine (ISPRM) (2000-2012)
- Board member of World Federation of Neurological Rehabilitation (WFNR) (1996-2008)
- National delegate of NAN „Bone and Joint Decade” / Global Alliance for Musculoskeletal Health (2007- ongoing)
- European Journal of PRM – member of Editorial Board (2005-2014)
- Romanian Journal of Physical and Rehabilitation Medicine – member of Editorial Board (1998-2010)

### Invention patents:

- Invention patent no.112406: Method and Device for Vascular Massage/Drainage of Limbs. M. Berteanu issued in 31.07.1998, in BOPI no.8, 1998.
- Invention patent no.115404 B, 26.02.2000: Thermo-Therapy Device, M. Berteanu. issued in BOPI No.2/1999.
- Invention patent no. 116249: Method and Device of Hydro- Massage- Thermotherapy. M. Berteanu. Issued in BOPI 8/2000.
- Invention patent OSIM no. 116945, 20.07.2001:Automatic Device for Controlled Lower Limb Loading.M Berteanu, M Nicolescu, D Stănculescu, D Fărcaș. issued in BOPI 8/2001.
- Invention patent no. 120173 4/480, 25.08.05: Device and Method for Osteoporosis Treatment. Mihai Berteanu, Cristina Berteanu, Gilda Mologhianu, Alina Iliescu issued in BOPI no. 10/2005.
- Brevet nr. A/00852 din 12.09.2014 - SISTEM MECATRONIC DE OSCILARE VERTICALA ALTERNATIVA A CENTURII PELVIENE
- Dispozitiv de posturare a antebrațului spastic în vederea injectării de toxină botulinică, cu numărul A01118/2018. BOPI no. 6/2020.

**Other original contributions:**

- Coordinator of Romanian translation of R Braddom Texbook of Physical Medicine and rehabilitation
- Coauthor and coordinator of the Romanian translation of „White Book on Physical and Rehabilitation Medicine in Europe (UEMS) (2006)
- Coordinator of the Romanian translation of WHO's „World report on disability” (2012)
- European Board certified since 2005. The Rehabilitation Medicine Department of Elias Hospital, is recognized European Training Center for Physical and Rehabilitation Medicine specialists.
- Promoter of Electromyographic Biofeedback techniques in the Rehabilitation Medicine clinical practice in Romania.

## Professional Activity Completed Financed Projects:

- COST Action CA16116 – “Wearable Robots for Augmentation, Assistance or Substitution of Human Functions” (2017-2021) – MC Member.
- AAL “SENSE-GARDEN Home” aal-2020 (2021), AAL-SCP-2020-7-270-SGH-1, Contract 230 from 01/03/2021
- AAL “Virtual and memory adaptable spaces creating stimuli for the senses in ageing people with dementia SENSE-GARDEN”, 51/14.06.2017 (2017-2020), Partner Project Director.
- Soluții - 2020 – 2 - “Dezvoltarea de tehnologii și sisteme de diagnostic local și la distanță eficiente al infectării cu virusul SARS-CoV-2”. PN-III-P2-2.1-SOL-2020-2-0360. Partner Project Director.
- “Device for spastic forearm posture for botulinum toxin injection”. PN-III-P2-2.1-CI-2018, ctr 196CI/2018 (2018-2019)
- “Computer Assisted and Information Feedback Training for Human Spaceflight Support” – STARWALKER. Coordinator: Institute of Space Science; INFLPR-ISS (2013 - 2018) – Scientific Consultant
- „Harmonic Mechanical Vibrations Mechatronic System for Muscle Force and Resistance Improving and Bone Mineral Density Increasing Effect” – B&M-Vibe. PNCDI III-P2-2.1-BG (2016-2018) – Partner Project Director: <http://www.omtr.pub.ro/cesit/granturi/B&M-Vibe/ro/parteneri.html>
- “3-D Mechatronic Reality System for Rehabilitation Learning in Real and Virtual Integrated Environments” –RELIVE, PNII. (2012 – 2016) Contract nr. 190/2012, <http://www.omtr.pub.ro/cesit/granturi/RELIVE/parteneri.html>
- Cost Office TransDomain Action TD1006 – „European Network for NeuroRehabilitation” (2011 – 2015)
- “Advanced Rehabilitation Technology” – MSC ART– European Master (Erasmus) (2011 – 2014)
- „Inertial Sensing Systems for Advanced Chronic Condition Monitoring and Risk Prevention”. IS-ACTIVE. Partnership in Ambient Assisted Living Priority Domains. External link: <http://www.is-active.eu/category/consortium/>, / 2009-2012
- „Integrated System for Characterization, Monitoring, and Assisted Training of Human Locomotion. CAMONAL”. PNCD II – Capacitati. Contract nr. 82089/01.10.2008 External link: <http://www.camonal.sportscience.ro>
- Research of Mechatronic Systems for Gait Movement Simulation in Rehabilitation of Locomotor Handicap Patients. SIMESIM, CEEEX No. 79/2006-VIASAN, <http://www.omtr.pub.ro/cesit/granturi/simesim/>
- Contribution to Postural Stability Assessment and to Dynamic Balance in Neurological Disfunctions, Normality or Human Performance. CNCIS Nr. 899
- Non-conventional diagnosis equipment – IRTEST”. Beneficiary: AMCSIT-MedC. IRTEST. National Program RELANSIN no. 1756/2003 (no. 18-04-01/UPB)
- Thermovision Day/Night Observational Unit Without Cooling System. COMBITERM. Beneficiary: AMCSIT-MedC. National Program RELANSIN nr. 1775/2003 (nr. 18-04-02/UPB).
- Respiratory Rehabilitation Network for Patients with Chronic Obstructive Pulmonary Disease. REABILUM. PNCD II – Capacities
- EUROP\_RO Technological Platform –National Synergic Framework for Promotion of Romanian Participation, Research and Industry in PC7 and for Development of European Partnership in Robotics. EUROP\_RO. CEEEX-Module IV
- Pilot Center for Neuromotor Rehabilitation. Application in patients with nutritional disorders. VIASAN

## Completed Financed Research Studies:

- E-REFOR 18D Observational non-Interventional Study (15.01-15.09 2018).
- Acute pain episodes of knee and/or hip osteoarthritis – Phase IV.
- Impact of bone- marker feed-back on adherence in the treatment of patients with postmenopausal osteoporosis, Phase III.
- Local tolerability for cutaneous spray solution – Phase IV.
- Pain in knee arthrosis , Phase III.
- Epidemiological Study of Postmenopausal Osteoporosis Prevalence. PREVOSS, Nr. Protocol: ICE 12 911 62 ROM.
- Multi - National Epidemiology Survey in Osteoporosis – MESOP, Nr, 1507/30 05. 2005 Academia de Stiinte Medicale.
- Correlations between Dynamics of Inflammatory and Biochemical Parameters and Stroke Rehabilitation. “Carol Davila” Medicine University, Bucharest.2010.
- Randomized, Controlled, Parallel, Prospective Trial to Evaluate the Effect of Secondary Prophylaxis With rFVIII Therapy in Severe Hemophilia A Adult Subjects Compared to That of Episodic Treatment. (SPINART). External link: <http://clinicaltrials.gov/show/NCT00623480>
- Observational Study to Evaluate the Implantation Procedure of the ActiGait Dropfoot Stimulator System(ActiGait) External link: <http://www.southampton.ac.uk/healthsciences/research/projects/MLC/ActiGait/index.html>

## Ongoing Projects:

- PN-III-CERC-CO-PTE-2-2019 “Sistem mecatronic pentru controlul centrului de masă la persoanele cu dizabilități locomotorii – CoMControl. (1.06.2020-30.04.2022), Contract 17PTE/2020.Partner Director.
- Erasmus+ EAC/A03/2018. PAIR – “Physical Activity after knee or hip Replacement”. (01.01.2020-31.12.2022). Contract 613008-EPP-1-2019-1-IT-SPO-SCP, Prot.N 368/24.07.2020 Partner Director.
- AAL “CoachMyLife”, (AAL-CP-2018-5-120-CoachMyLife-2), (2019-2021). Contract 81 din 01/07/2019. Partner Director.
- AAL “Smart Intervention for Senior Isolation - SI4SI” aal-2020, (AAL-CP-2020-7-108-SI4SI-1) (2021-2023) Contract 236 din 01/04/2021. Partner Director
- AAL “AGAPE” “Active aGeing And Personalised service’s Ecosystem “(AAL-CP-2021-8-124-AGAPE). Partner Director

**Books:**

- **“Sistem mecatronic pentru reabilitarea mersului”**. I. Ciobanu, M Berteanu, PL Seiciu. Bucuresti: Politehnica Press, 2021 ISBN: 978-606-515-973-0
- **“Kinetologie”** Tudor Sbenghe, Mihai Berteanu, Simona Elena Savulescu, - Edit. Medicală, București, 2019, ISBN: 973-39-0864-7.
- **“The Field of Competence of the Physical and Rehabilitation Medicine physicians” PART ONE.** European Union of Medical Specialists (UEMS). Section of Physical and Rehabilitation Medicine - Professional Practice Committee. Ed. by Nicolas Christodoulou Alain Delarque Enrique Varela Donoso. Ed. 2014, ISBN: 978-9963-2061-2-4
- **Principii de reabilitare medicală la pacientul critic.** Mihai Berteanu, Luminita Dumitru, Alina Iliescu, Cristina Berteanu. Capitol in **Recomandări și Protocoale în Anestezie, Terapie Intensivă și Medicină de Urgență**, Sub Redactia: Săndesc D., Bedreag O., Păpurică M., Ed. Mirton, Timisoara, 2009, pag. 787-795
- **Fiziokinetoterapia in afectiunile respiratorii.** Berteanu M, Iliescu A, Dumitru L. Chapter in: **Tratat de Reabilitare Pulmonară**, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009, p. 189-208. **ISBN: 978-973-52-0574-4**
- **Elemente de anatomie pulmonara functionala.** Berteanu M, Iliescu A, Dumitru L, Berteanu C. Chapter in: **Tratat de Reabilitare Pulmonară**, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009, p 47-57. **ISBN: 978-973-52-0574-4**
- **Bolile neuromusculare și deformatiile toracice.** Berteanu M, Dumitru L, Iliescu A, Berteanu C. Chapter in: **Tratat de Reabilitare Pulmonară**, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009, p. 330-245. **ISBN: 978-973-52-0574-4**
- **Definitii. Concepte. Standarde.** Berteanu M, Dumitru L, Iliescu A. Chapter in: **Tratat de Reabilitare Pulmonară**, subredacția Tudorache VM, Ed. Mirton Timișoara 2009, p.4-13. **ISBN: 978-973-52-0574-4**
- **Cartea Alba a specialitatii de medicina fizica și de reabilitare in Europa.** (traducerea in limba romana). Berteanu M. (coautor) *Editori: Gutenbrunner C, Ward A, Chamberlain MA. Ed. Universitara „Carol Davila” Bucuresti 2006.* **ISBN 13: 978-973-708-025-7**
- **Biofeedback-ul electromiografic - baze neurofiziopatologice și aplicatia in recuperarea medicala.** Berteanu M. *Ed. Universitara „Carol Davila” 2006.* **ISBN 13: 978-973-708-148-3**
- **Recuperarea Medicală - Probleme majore -curs pentru studenti medicina generala.** Berteanu M. *Ed. Universitară „Carol Davila” Bucuresti 2006.* **ISBN 13: 978-973-708-026-4.**
- **Traumatismele abdominale.** Berteanu C, Roiu C, Berteanu M. . In **Managementul bolnavului critic.** *Editori: Mircea Chiorean, Sanda-Maria Copotoiu, Leonard Azamfirei. Ed. University Press-Targu Mures, Vol.3, p 519-571.* **ISBN 973-7788-84-2.**
- **Electromyography in Rheumatology.** Berteanu M. In **Textbook of Physiotherapy.** *Sub Red. L Pop. Ed Med Univ. „Iuliu Hatieganu” Cluj, 2006, p129-133.* **ISBN 973-693-153-6.**
- **Biofeedback.** M Berteanu. In **Textbook of Physiotherapy.** *Sub Red. L Pop. Ed Med Univ. „Iuliu Hatieganu” Cluj, 2006, p121-125.* **ISBN 973-693-153-6.**
- **Leziunile de nervi peiferici și investigatia EMG in afectiunile ortopedico-traumatice.** Berteanu M. cap. III.32. In **Patologia Aparatului Locomotor.** *Sub red. Dinu Antonescu. Tratat, vol. 1. ed. Medicala. 2006. pag 755-763.* **ISBN 973-39-0559-3**
- **Semiologie Ortopedica.** *Coordonator: M. Nicolescu, autori: R. Radulescu, M. Berteanu (autor unic 1 capitol), L. Ojoga, Florina Ojoga, C. Huszar, Indra Mihaita, C. Carstoiu. Edit Univ Carol Davila 2003* **ISBN 973664054X, 9789736640544**
- **Tratamentul ortopedico-chirurgical și kinetoterapia în afecțiunile aparatului locomotor.** Berteanu M (autor unic 1 capitol) . *Ed. Alma Mater. Bacău 2000.*
- **Metode paraclinice de evaluare a pacientului cu alungire de membre inferioare.** Berteanu M. In **Tratamentul inegalităților membrelor inferioare.** M. Nicolescu, G. Dinu, M. Berteanu, L. Ojoga, *Ed. Curtea Veche, 1999. p169-180.*
- **Efectele întinderii asupra tesuturilor in alungirile membrelor inferioare.** Berteanu M. In **Tratamentul inegalităților membrelor inferioare.** M. Nicolescu, G. Dinu, M. Berteanu, L. Ojoga. *Ed. Curtea Veche, 1999. p67-75.*
- **Electromiografia in studiul și evaluarea aparatului musculo-scheletic.** Berteanu M. **Bazele teoretice și practice ale kinetoterapiei.** Tudor Sbenghe. *Ed. Medicală 1999.* **ISBN 973-39-0377-9**

## Relevant articles in ISI fulltext: international publications

- Being active with a total hip or knee prosthesis: a systematic review into physical activity and sports recommendations and interventions to improve physical activity behavior. Yvet Mooiweer, Martin Stevens, Inge van den Akker-Scheek and PAIR study group PAIR study group: Giuseppe Barone, Francesco Benvenuti, MihaiBerteanu, Laura Bragonzoni, Ileana Ciobanu, Dante Dallari, Ani Dimitrova, Ivo Dimitrov, Jorunn L Helbostad, Alina Iliescu, Pasqualino Maietta Latessa, Andreea Marin, Alessandro Mazzotta, Ann-Katrin Stensdotter, Odd M Hals, Håvard Østerås, Cristiano Paggetti, Erika Pinelli, Nataliya Shalamanova, Romyana Shalamanova, Claudio Stefanelli, Matei Teodorescu, Nikolay Todorov, Nikolay Toselli, Maya Tsvetanova, Monica Unsgaard-Tøndel, Lora Yoncheva, Raffaele Zinno. *European Review of Aging and Physical Activity* (2022) 19:7. 16 pgs. <https://doi.org/10.1186/s11556-022-00285-1> (IF = 2,517)
- The Role Of Natural Biotherapeutic Factors In Pain And Functional Management Of Knee Osteoarthritis. Madalina Gabriela Iliescu, Elena-Valentina Ionescu, Irina Tica, Marius-Dragos Prazaru, Florina Ligia Popa, Marius Nicolae Popescu, Mihai Berteanu, Laszlo Irsay, Viorela Mihaela Ciorte, Felix Voinea, Bogdan Obada, Lucian Petcu, Andra Iulia Suceveanu. *FARMACIA*, 2022, Vol. 70, 1. Pg 65-69. <https://doi.org/10.31925/farmacia.2022.1.10> (IF = 1,433)
- Mihai Emanuela Elena, Mihai Ilie Valentin, Berteanu M. Effectiveness of Radial Extracorporeal ShockWave Therapy and Visual Feedback Balance Training on Lower Limb Post-Stroke Spasticity, Trunk Performance, and Balance: A Randomized Controlled Trial. *J. Clin. Med.* 2022, 11, 147. <https://doi.org/10.3390/jcm11010147> (IF = 4,242)
- Mooiweer Y, van den Akker-Scheek I, Stevens M, On behalf of the PAIR study group (2021) Amount and type of physical activity and sports from one year forward after hip or knee arthroplasty—A systematic review. *PLoS ONE* 16(12): e0261784. <https://doi.org/10.1371/journal.pone.0261784> (IF = 3,24)
- Barone, G., Zinno, R., Pinelli, E., Pair Study Group (including Berteanu Mihai, Ciobanu Ileana, Iliescu Alina), Benvenuti, F., & Bragonzoni, L. (2021). Evaluation of the Efficacy and Safety of an Exercise Program for Persons with Total Hip or Total Knee Replacement: Study Protocol for a Randomized Controlled Trial. *International journal of environmental research and public health*, 18(13), 6732. <https://doi.org/10.3390/ijerph18136732> (IF = 3,390)
- Mihai E E, Popescu M N, Beiu C, Gheorghe Luca, Berteanu Mihai. (November 02, 2021) Tele-Rehabilitation Strategies for a Patient With Post-stroke Spasticity: A Powerful Tool Amid the COVID-19 Pandemic. *Cureus* 13(11): e19201. doi:10.7759/cureus.19201 (IF = 1,15)
- Marius Nicolae Popescu, Mădălina Gabriela Iliescu, Cristina Beiu, Liliana Gabriela Popa, Mara Mădălina Mihai, Mihai Berteanu, Anca Mirela Ionescu, "Autologous Platelet-Rich Plasma Efficacy in the Field of Regenerative Medicine: Product and Quality Control", *BioMed Research International*, vol. 2021, Article ID 4672959, 6 pages, 2021. <https://doi.org/10.1155/2021/4672959>
- Savulescu SE, Berteanu M, Filipescu I, Beiu C, Mihai MM, Popa LG, Popescu SI, Balescu I, Bacalbasa N, Popescu MN. Repetitive Peripheral Magnetic Stimulation (rPMS) in Subjects with Lumbar Radiculopathy: An Electromyography-guided Prospective, Randomized Study. *In Vivo*. 2021 Jan-Feb;35(1):623-627. <http://iv.iiarjournals.org/content/35/1/623> Impact factor (2019): 1.541
- Mihai EE, Dumitru L, Mihai IV, Berteanu M. Long-Term Efficacy of Extracorporeal Shock Wave Therapy on Lower Limb Post-Stroke Spasticity: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *J Clin Med*. 2020 Dec 29;10(11):86. doi: 10.3390/jcm10010086. PMID: 33383655; PMCID: PMC7795167. IF 3,303
- Thompson DC, Barbu MG, Beiu C, Popa LG, Mihai MM, Berteanu M, Popescu MN. The Impact of COVID-19 Pandemic on Long-Term Care Facilities Worldwide: An Overview on International Issues. *Biomed Res Int*. 2020;8870249. <https://www.hindawi.com/journals/bmri/2020/8870249/>
- Avram, Rodica Lucia; Nechita, Alexandru Cristian; Popescu, Marius Nicolae; Teodorescu, Matei; Ghilencea, Liviu Nicolae; Turcu, Diana; Berteanu, Mihai. EFFECTS OF NEUROMUSCULAR ELECTRICAL STIMULATION IN PATIENTS WITH ACUTE HEART FAILURE – RESULTS OF A SINGLE-CENTER RANDOMIZED TRIAL, *Journal of Science and Arts* Year 20, No. 2(51), pp. 491-500, 2020. [http://www.josa.ro/docs/josa\\_2020\\_2/c\\_01\\_Avram\\_491-500\\_10p.pdf](http://www.josa.ro/docs/josa_2020_2/c_01_Avram_491-500_10p.pdf)
- "The influence of natural saline solutions on dihydrate copper chloride crystallization". Cimpean C, Berteanu M. *Rev. Chim.[internet]*. 2020 Feb;71(2):110-114. Available from: <https://doi.org/10.37358/RC.20.2.7901>
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