



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s)

Address(es)

Telephone(s)

E-mail

Web:

Nationality

Date of birth

Gender

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Education and training

Dates

Title of qualification awarded

Principal subjects /occupational skills covered

Name and type of organisation providing education and training

Level in national or international classification

Dates

Title of qualification awarded

Principal subjects /occupational skills covered

Name and type of organisation providing education and training

Level in national or international classification

Updated: April 2013

Constantin Munteanu

B-dul Ion Mihalache, 11A, Postcode 011171, sect. 1, Bucharest, Romania

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secretar@bioclima.ro

<http://bioclima.ro/>

Romanian

23.07.1978

Male

July 2008 onwards

Senior Scientist, III - Biologist

Cell biology and physiology scientific research, Research projects management, Laboratory management

National Institute of Rehabilitation, Physical Medicine and Balneoclimatology - Str. Sf. Dumitru nr. 2, Sector 3, Bucuresti

Scientific research, Health sector

March 2002 - July 2008

Biologist

Cell Biology;Physiology, Scientific research, Research project management

National Institute of Rehabilitation, Physical Medicine and Balneoclimatology - Str. Sf. Dumitru nr. 2, Sector 3, Bucuresti

Scientific research, Health sector

2003-2010

Ph.D. in Biology

Thesis Title: "Glial response to lithium and lithium mineral water from Malnas Spa"

University of Bucharest, Faculty of Biology, Bucharest

ISCED 6

2001-2003

Master in Neurobiology

Neurobiology – theory and research

University of Bucharest, Faculty of Biology, Bucharest

ISCED 6



Dates 1996-2000
 Title of qualification awarded Bachelor of Science in Biology
 Principal subjects /occupational skills covered Biology, Medical biology
 Name and type of organisation providing education and training University of Bucharest, Faculty of Biology, Bucharest
 Level in national or international classification ISCED 5

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	C1	Proficient user	C1	Proficient user
C1	Proficient user	C1	Proficient user	B1	Independent user	B1	Independent user	B2	Independent user

(*) *Common European Framework of Reference for Languages*

Social skills and competences Team work: I have worked in various types of research teams and clinical laboratory

Organisational skills and competences As responsible of the Cell Culture - Physiology Laboratory I have made the documentation and I have acquired the specific equipments such as UV-Vis and fluorescence detection, UV-Vis spectrophotometer, AAS, and electrophoresis automated system, ELISA, PCR, RT-PCR, microscopy
 I have followed courses: “Management of Biological Research” and “National accreditation system, notification and certification of compliance infrastructure assessment – clinical activity and medical laboratory accreditation”

Technical skills and competences UV-Vis spectrofotometry, fluorescence spectrometry, atomic absorption spectrometry, electrophoresis, ELISA and enzymology

Computer skills and competences Competent with most Microsoft Office programmes and some experience with web design and SEO.
 Basic statistics knowledge: Microcal Origin, SPSS.
 Chemical structure: ChemSketch.

- Profesional organizations
- **Romanian Association of Balneology – General Secretary**
 - **National Neuroscience Society**
 - **Romanian Cell Biology Society**
 - **Biochemical Society, UK**
 - **European Brain Psychology Organization (EBPO)**
 - **International Brian Research Organization (IBRO)**
 - **Federation of European Neuroscience Societies (FENS)**

<p>Research projects</p>	<ul style="list-style-type: none"> • "Correlation between systemic impact of mineral water rich in lithium and induced molecular changes in glial cells in vitro" - Project Manager, Project worth 30,000 Euros funded by the Academy of Medical Sciences, 2003-2005 • "Study at cellular and molecular level effects of laser radiation on normal and pathological cells"- VIASAN program, project coordinated by Dr. Gabriela Zamfirescu, 2003-2004 · • "Efficient hormonal protection of cardiomyocytes subjected to oxidative stress"- VIASAN program, project coordinated Dr. Gabriela Zamfirescu, 2004-2006 • "In vitro studies on metals cytotoxicity induced fibrogenesis" - CERES program, project coordinated by Prof. Dr. Dana Iordăchescu, 2004-2006 • Capacity: Modernization of research infrastructure to test the ability of the natural therapeutic factors of spa resorts in immunological, cell biology and physiology studies by specialized laboratories of the National Institute of Rehabilitation, Physical Medicine and Balneoclimatology, Contract Manager, 2007-2009; • Partnerships: Biological and medical complex study on the use of innovative therapeutic potential factors of saline and caves in Health and balneoclimatic Tourism; their modeling solutions, project coordinated by Dr. Iuri Gh Simionca, 2008-2011
<p>International only communications:</p>	<ol style="list-style-type: none"> 1. <u>Constantin Munteanu</u>, Gabriela Zamfirescu, Diana Ciobotaru, Cristina Chițonu, Otilia Zărnescu, Adriana Sarah Nica: Influence of lithium mineral waters on glial cell cultures, BioScience2004 – from molecules to organisms, 18-22 iulie 2004, Glasgow, UK 2. Gabriela Zamfirescu, Otilia Zarnescu, Mihaela Stanescu, Camelia Teleianu, <u>Constantin Munteanu</u>, Diana Cibotaru, Delia Cinteza: The effects of estrogen upon ischemic cardiomyocytes, in vitro studies, Balkan Conference of Biology, 19-21 May 2005, Plovdiv, Bulgaria 3. <u>Constantin Munteanu</u>, Gabriela Zamfirescu, Diana Ciobotaru, Otilia Zarnescu, Lotus Mester: Cytological aspects of glial cells after treatment with lithium mineral waters, Balkan Conference of Biology, 19-21 May 2005, Plovdiv, Bulgaria 4. Diana Ciobotaru, <u>Constantin Munteanu</u>, Gabriela Zamfirescu, Otilia Zarnescu: Lithium mineral waters effect on Wnt pathway signaling of glial cells, Balkan Conference of Biology, 19-21 May 2005, Plovdiv, Bulgaria 5. <u>Constantin Munteanu</u>, Diana Ciobotaru, Gabriela Zamfirescu, Otilia Zarnescu, Lotus Mester – Inositol phosphate metabolism and lithium action on glial cells, 60th Harden Conference – Inositol Phosphates and Lipids – Regulation and Function, 13-18 August 2005, Ambleside, Lake District, UK 6. Diana Ciobotaru, <u>Constantin Munteanu</u>, Gabriela Zamfirescu, Otilia Zarnescu – Morphological and biochemical responses of glial cells to lithium mineral waters explained by inositol depletion, 60th Harden Conference – Inositol Phosphates and Lipids – Regulation and Function, 13-18 August 2005, Ambleside, Lake District, UK 7. <u>Constantin Munteanu</u>, Diana Munteanu, Gabriela Zamfirescu, Otilia Zarnescu – Cellular and molecular impact of lithium mineral water Maria from Malnaș-Băi on glial cells, FENS Forum 2006, published in FENS Forum Abstracts, vol.3, A236.13, 2006 8. <u>Constantin Munteanu</u>, Delia Cinteza - Romanian Therapeutical Mineral Waters, BALWOIS 2012, Ohrid, Republic of Macedonia – 28 May - 2 June 2012 9. <u>Constantin Munteanu</u>, Diana Munteanu, Delia Cinteza – Lithium – trace element with neurological effects in affective disorders, 8th FENS Forum of Neuroscience 2012, Barcelona, Spain, published on http://fens.ekonnnect.co/FENS_331/poster_34848/program.aspx 10. <u>Constantin MUNTEANU</u>, Delia CINTEZA, Diana MUNTEANU, Mihai HOTETEU, Horia LAZARESCU, Dana POENARU - Health effects attributed to endocrine disrupting compounds from mud and lake waters sources, p 313 –314, Balnea Número 6 2012, ISSN: 978-84-669-3482-4 11. Mihai HOTETEU, Iuri SIMIONCA, <u>Constantin MUNTEANU</u>, Delia CINTEZA, Horia LAZARESCU, Elena DUMITRESCU - Underground microclimate influence of Romanian Ocna Dej and Cacica salt mines on wistar white rats induced pathologies experimental model 315-316, Balnea Número 6 2012, ISSN: 978-84-669-3482-4

	<p>12. Dana POENARU, Delia CINTEZA, <u>Constantin MUNTEANU</u>, Victorita MARCU, Sebastian DIACONESCU, Dan DUMITRASCU, Horia LAZARESCU - Carbogaseous mineral water for patients with metabolic syndrome 317-318, Balnea Número 6 2012, ISSN: 978-84-669-3482-4</p>
	<p>13. Dana POENARU, Delia CINTEZA, <u>Constantin MUNTEANU</u>, Ovidiu MERA, Horia LAZARESCU - A developing complex research on naturally therapeutic factors: geological, physicochemical, microbiological, climatic and experimental animal studies in the Turda aria 319-320, Balnea Número 6 2012, ISSN: 978-84-669-3482-4</p>
	<p>14. Delia CINTEZA, Dana POENARU, Elena DUMITRESCU, Victorita MARCU, Liliana CIOC, Iuri SIMIONCA, <u>Constantin MUNTEANU</u>, Mihai HOTETEU - Salt mines therapy for pulmonary rehabilitation of chronic obstructive pulmonary diseases 334-335, Balnea Número 6 2012, ISSN: 978-84-669-3482-4</p>
	<p>15. <u>Munteanu C.</u>, Munteanu Diana, Simionca I., Hoteteu M. - IN VITRO PERSPECTIVES OF SPELEOTHERAPY, INTERNATIONAL SYMPOSIUM OF SPELEOTHERAPY, International Symposium (14 ; 2012 ; Turda), The XIVth International Symposium of Speleotherapy : Abstracts : ediția a XIV-a, Turda, 2012. - Cluj-Napoca : Casa Cărții de Știință, 2012, ISBN 978-606-17-0241-1 p.41-42</p>
	<p>16. M. Hoteteu, Iu. (Ghe.) Simionca, <u>C. Munteanu</u>, L. Enache - SALT MINE MICROCLIMATE INFLUENCE ON WISTAR WHITE RATS WITH INDUCED SKIN PATOLOGIES, International Symposium (14 ; 2012 ; Turda), The XIVth International Symposium of Speleotherapy : Abstracts : ediția a XIV-a, Turda, 2012. - Cluj-Napoca : Casa Cărții de Știință, 2012, ISBN 978-606-17-0241-1 p.42-43</p>
	<p>17. Munteanu Diana, Munteanu Constantin, Hoteteu M., Lazarescu Horia, Cinteza Delia - THERAPEUTIC MUD RESOURCES FROM SALINE LAKES, International Symposium (14 ; 2012 ; Turda), The XIVth International Symposium of Speleotherapy : Abstracts : ediția a XIV-a, Turda, 2012. - Cluj-Napoca : Casa Cărții de Știință, 2012, ISBN 978-606-17-0241-1 p.53-54</p>
<p>Scientific Articles (only in International Data Bases):</p>	<p>1. Constantin Munteanu, Diana Munteanu, Delia Cintează - GSK-3β expression after treatment of glial cells with lithium and Maria lithium mineral water from Malnaș-Băi, MAEDICA- Journal of Clinical Medicine, Vol.4, nr.2, 2009, p. 106-113, ISSN: 1841- 9038</p>
	<p>2. <u>Constantin Munteanu</u>, Gabriela Zamfirescu, Diana Munteanu, Delia Cintează, Glial effects of the lithium mineral water Maria from Malnaș-Băi, MAEDICA- Journal of Clinical Medicine, Vol.1, nr.4, 2006, p. 20-28, ISSN: 1841- 9038</p>
	<p>3. <u>Munteanu C.</u>, Munteanu D., <u>Experimental Methodology used by Cell Cultures Laboratory from INRMFB to assess the therapeutic effect of natural factors</u> - Balneo Research Journal, Vol.1, No.1, pp.6-9 (2010), eISSN: 2069-7619, pISSN: 2069-7597, DOI: http://dx.doi.org/10.12680/balneo.2010.1001</p>
	<p>4. <u>Munteanu C.</u>, Munteanu D., Simionca I., Hoteteu M. - <u>Morphological and electrophoretic data about heterogeneous primary skin cells cultures obtained from normal and Ovalbumin-Challenged Wistar rats after treatment by speleotherapy in the Cacica and Dej Romanian Salt Mines</u>, Balneo Research Journal, Vol.1, No.1, pp.10-16 (2010), eISSN: 2069-7619, pISSN: 2069-7597, DOI: http://dx.doi.org/10.12680/balneo.2010.1002</p>
	<p>5. <u>Munteanu C.</u>, Munteanu D., Simionca I., Hoteteu M. - <u>Morphological and electrophoretic data of primary pulmonary fibroblasts cultures obtained from normal and Ovalbumin-Challenged "Asthmatic" Wistar rats treated by speleotherapy in Cacica and Dej Romanian Salt Mines</u>, Balneo Research Journal, Vol.1, No.1, pp.19-23 (2010), eISSN: 2069-7619, pISSN: 2069-7597, DOI: http://dx.doi.org/10.12680/balneo.2010.1003</p>
	<p>6. <u>Munteanu C.</u>, Munteanu Diana, Simionca I., Hoteteu M., Mera O., <u>Therapeutical evaluation of Turda Salt Mine microclimate on pulmonary fibroblasts cultures</u> - Balneo Research Journal, Vol.1, No.1, pp.24-29 (2010), eISSN: 2069-7619, pISSN: 2069-7597, DOI: http://dx.doi.org/10.12680/balneo.2010.1004</p>

7. Munteanu C., Munteanu Diana, Simionca I., Hoteteu M., **In vitro experimental evaluation of wound and burns healing capacity after exposure to salty microclimate from Dej and Cacica** - Balneo Research Journal, Vol.1, No.1, pp. 30-34 (2010), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2010.1005>
8. Munteanu C., Munteanu Diana, **Lithium mineral waters** - Balneo Research Journal, Vol.2, No.1, pp.41-45 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2010.1010>
9. Munteanu C., Munteanu D, Simionca I., Hoteteu M.; **Exploration of the speleotherapeutic potential through the cellular and molecular biology techniques**- Balneo Research Journal, Vol.2, No.1, pp.6-9 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2010.1006>
10. Simionca I, Mera O., Hoteteu M., Munteanu C., Enache L., Calin R., Munteanu Ana; **Study of underground medium and medical- biological experimental in Turda Salt Mine**- Balneo Research Journal, Vol.2, No.1, pp.10-14 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2010.1007>
11. Munteanu Constantin; **Therapeutic mineral waters**, Balneo Research Journal, Vol.2, No.2, pp.52 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1011>
12. Munteanu Constantin, Dumitrascu Mioara - **Boric acid and mineral waters** - Balneo Research Journal, Vol.2, No.2, pp.54-60 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1012>
13. Munteanu C. - **Malnas Bai Resort** - Balneo Research Journal, Vol.2, No.2, pp.61-64 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1013>
14. Munteanu C., Iliuta A. - **The role of sodium in the body** - Balneo Research Journal, Vol.2, No.2, pp.70 -74(2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1015>
15. Munteanu C., Lazarescu H., Munteanu Diana - **Sollicitant -exciting plain bioclimate / Amara Balneoclimateric Resort** - Balneo Research Journal, Vol.2, No.2, pp.75-78 (2011), DOI: <http://dx.doi.org/10.12680/balneo.2011.1016>
16. Mioara Dumitrascu, Constantin Munteanu - **Therapeutic muds** - Balneo Research Journal, Vol.2, No.3, pp.12-16 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1019>
17. Constantin Munteanu - **Băile Herculane Resort** - Balneo Research Journal, Vol.2, No.3, pp.17-23 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1020>
18. Constantin Munteanu, Mihai Hoteteu - **Estrogenic compounds -endocrine disruptors** - Balneo Research Journal, Vol.2, No.4, pp.115-118(2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1021>
19. Iliuta Alexandru, Constantin Munteanu - **Iodine mineral waters** – Balneo Research Journal, Vol.2, No.4, pp.123-126 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1023>
20. Constantin Munteanu - **Băile Tusnad Resort** – Balneo Research Journal, Vol.2, No.4, pp.127-132 (2011), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2011.1024>
21. Dumitrascu M., Munteanu C., Lazarescu H.; **Hidrotherapy** - Balneo Research Journal, Vol.3, No.1, pp.23-27 (2012), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2012.1027>
22. Munteanu C., Cinteza Delia, Pretorian Suzana, Lazarescu H., Hoteteu M., Munteanu Diana, Poenaru Daniela - **Research strategy of the therapeutic quality of mud and salty water from Ursu(Bear) Lake, Sovata**, Balneo Research Journal, Vol.3, No.2, pp.43-44 (2012), eISSN: 2069-7619, pISSN: 2069-7597, DOI: <http://dx.doi.org/10.12680/balneo.2012.1030>

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| | 23. <u>Munteanu C., Munteanu Diana, Simionca I., Hoteteu M., Cinteza Delia, Lazarescu H -SPELEOTHERAPY EFFECTS ON WISTAR RATS REFLECTED BY PULMONARY AND DERMAL FIBROBLASTS CULTURES</u> , Balneo Research Journal, Vol.3, No.4, pp.100-107 (2012), eISSN: 2069-7619, pISSN: 2069-7597, DOI: http://dx.doi.org/10.12680/balneo.2012.1035 |
| | 24. Delia Cinteza, <u>Constantin Munteanu</u> , Daniela Poenaru, Diana Munteanu, Irina Petrusca, Dan Dumitrascu - <u>THE THERAPEUTIC EFFECT OF CARBOGASEOUS NATURAL MINERAL WATERS IN THE METABOLIC SYNDROME</u> - Balneo Research Journal, Vol.4, No.1, pp.5-22 (2013), eISSN: 2069-7619, pISSN: 2069-7597, DOI: http://dx.doi.org/10.12680/balneo.2013.1038 |
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