



**Curriculum vitae**  
**Europass**

**Personal information**

Last Name / First Name **Savoiu-Balint, Germaine**  
Address Str. Horia, nr.92, Timisoara  
Phone (40 – 356) 434119 Mobile: (40 – 074)6168877  
E-mail [savoiuugema@yahoo.com](mailto:savoiuugema@yahoo.com)  
Citizenship Romanian  
Birth date 19.02.1958  
Sex Feminine

**Work Experience**

**Period** From september 2018 - present  
**Occupied Position** Associate professor  
**Employer name** University of Medicine and Pharmacy “Victor Babeş”, Timișoara  
Faculty of Pharmacy –Eftimie Murgu Sq, nr.2, Timișoara, România  
**Main activities** - Teaching and research activities

**Period** From march 2009 - 2018  
**Occupied Position** Lecturer  
**Employer name** University of Medicine and Pharmacy “Victor Babeş”, Timișoara  
Faculty of Pharmacy –Eftimie Murgu Sq, nr.2, Timișoara, România  
**Main activities** - Teaching and research activities

**Period** From march 2000 – to march 2009  
**Occupied Position** Assistant Professor  
**Employers name** University of Medicine and Pharmacy “Victor Babeş”, Timișoara  
Faculty of Pharmacy –Eftimie Murgu Sq, nr.2, Timișoara, România  
**Main activities** - Teaching and research activities

**Period** From april 1986 – to march 2000  
**Occupied Position** Biologist/ Researcher  
**Employers name** University of Medicine and Pharmacy “Victor Babeş”, Timișoara  
Faculty of Medicine, Dep. of Pathophysiology –Eftimie Murgu Sq, nr.2, Timișoara, România  
**Main activities** - Research activities

**Period** From october 1985 – to april 1986  
**Occupied Position** Biologist/ Clinical Laboratory  
**Employers name** Biczaz Hospital  
**Main activities** - laboratory medicine

**Education and training**

**Period** From october 2010 – to june 2011

**Qualification awarded** Masters Diploma, Specialization Pharmacy  
**Organisation name** University of Medicine and Pharmacy "Victor Babeş", Timișoara

**Period** From october 2003 – to january 2009  
**Qualification awarded** Doctor in Medicine (Ordinul Ministrului Educației și Cercetării nr.3030/ 13.01.2009)  
**Organisation name** University of Medicine and Pharmacy "Victor Babeş", Timișoara  
**Skills acquired** Domain: Normal and Phatological Physiology. Title: "Markeri fiziologici si biochimici ai disfunctiei endoteliale si aterogenezei "

**Period** From september 1980 – to june 1984  
**Qualification awarded** Biologist  
**Organisation name** University Babes-Bolyai Cluj-Napoca

**Mother tongue(s)** Romanian  
**Other language(s)** English, France

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken Production	
English	B1	B2	B1	B1	B1
French	A2	B1	B1	B1	B1

**Communication skills** Good communication skills, ability to work in a team proved by a vast profesional activity from 1986- to present

**Organisational / managerial skills**

Ability to work in a team, very good communication skills, planning, time management and resource management skills, demonstrated organizational skills and competences by participation as:

**Project member in:**

1. Strategii cardioprotectoare la reperfuzie-mitocondria ca multipla țintă terapeutică, Parteneriate tip PC, nr.contract 42122/2008, 2008 – 2011, 138300 2009, Carmen Cristescu, Germaine Săvoiu-Balint
2. Tehnologii inovative de producere a unor alimente funcționale de origine vegetală cu impact asupra sănătății umane, PC, nr. contract 610008/18 .09. 2007, Coordonator de proiect: Universitatea Babeș-Bolyai – Cluj-Napoca, 2009, 69500 2009, Germaine Săvoiu-Balint
3. A pan- European research network for Complementary and Alternative Medicine, nr. contract 241951, Fp7-Health-2009-3.1-3, 2009, Germaine Săvoiu-Balint, Simona Drăgan Responsabil proiect (MG – UMF VB T)
4. Grantul de cercetare CNCSIS tip A: „Beneficiul recuperării cardiace comprehensive a pacienților cu by-pass aorto - coronarian asupra disfuncției endoteliale - studiu corelativ cu polimorfismul NO sintetazei endoteliale”. NR. contract 27690/14.03.2005
5. Scientific research contract between U.S.A.M.V.B Veterinary Medicine Faculty from Timisoara and BIOMIN GmbH from Herzogenburg Austria „Evaluation of the effect of different Ca-P levels on blood parameters and the farrowing process”, 10 mai 2008.
6. Scientific research contract between U.S.A.M.V.B Veterinary Medicine Faculty from Timisoara and BIOMIN GmbH from Herzogenburg Austria „Evaluation of Natural Growth promoters (acidifiers) alone and in combination in weaned piglets”, 10 mai 2008
7. Scientific research contract between U.S.A.M.V.B Veterinary Medicine Faculty from Timisoara and AGROMED AUSTRIA GmbH „Feeding trials to test the feed additive Opticell in sows and post-weaning piglets fodder”, 27 martie 2007

**As Project manager in:**

- Programul Parteneriate în cercetarea fundamentală inovativă a UMFVBT, Grant UMFVBT PIII-C5-PCFI-2017/2018: "Rolul vitaminei D în modularea funcției vasculare și mitocondriale la nivelul țesutului adipos pe model animal și la om" - acronim VASC-ADIPO-MIT, 2017-2018.

## PUBLICATION LIST

## ARTICLES PUBLISHED IN ISI-INDEXED JOURNALS

1. **Savoiu-Balint G**, Toth E, Andoi M, Demeter I, Borza C, Floroni E, Pacurar M, Ciobanu V. Study on the Influence of Free Radicals and Oxidative Stress on Peptic Ulcers. *Rev.Chim.(Bucharest)*, 2019, 70(9): 3254-57.
2. **Savoiu-Balint G**, Iovanescu G, Stanca H, Popoiu Calin, Boia E, Popovici Ramona, Bolintineanu S.L. The protective effect of HDL-cholesterol in patients with essential hypertension. *Revista de Chimie*. 2017; 68:949-952.
2. **Savoiu-Balint G**, Boruga O, Popovici R, Bolintineanu L, Mihaescu R, Popoiu C, Boia E, Petrus A, Andoni M. The Effects of Hg<sup>2+</sup> on Endothelial Function in Electronic Cigarette Smokers with Coronary Artery Disease. *Revista de Chimie*. 2017; 68(4):711-714.
3. **Savoiu-Balint G**, Andoni M, Popovici R, Rusu L, Citu I, Rumel R, Cioban V. The Effect on Health of Some Cardiovascular Risk Factors. *Rev Chim*. 2017; 68(10):2237-2242.
4. Tanasescu R, Bardan R, Ledeti A, Ledeti I, Matusz P, **Savoiu-Balint G**, Bolintineanu S. Considerations on Thermal Behaviour and Porosity of Renal Calculi in Bisphosphonate -Treated Postmenopausal Women. *Rev.Chim.(Bucharest)*, 2017, 68(6): 1259-63.
5. Lenuta-Maria Suta, Gabriela Vlase, Titus Vlase, **Germaine Savoiu-Balint**, Tudor Olariu, Ionela Belu, Adriana Ledeti, Marius-Sorin Murariu, Lavinia Stelea, Ionut Ledeti. *Thermal Characterization of Cholesterol in Air vs. Nitrogen Atmosphere*. *Rev.Chim.(Bucharest)*, 2016, 67(1): 84-86.
6. Lenuta-Maria Suta, Gabriela Vlase, Titus Vlase, Tudor Olariu, Ionut Ledeti, Ionela Belu, Codrut Ivan, Cristiam-Andrei Sarau, **Germaine Savoiu-Balint**, Lavinia Stelea, Adriana Ledeti. *Solid State Stability of Cholesterol. Preliminary kinetic analysis*. *Rev.Chim.(Bucharest)*, 2016, 67(1): 113-115.
7. Serban Rosu, Marius Pricop, **Germaine Savoiu**, Ovidiu Boruga. *Solid State Characterization of Commercially Available Silicone Polymers Used in Maxillofacial Protheses*. *Rev.Chim.(Bucharest)*, 2016, 67(9): 1864-1867.
8. **Germaine Savoiu-Balint**, Alexandra Petrus, Rodica Mihaescu, Daniela Ionescu, Cosmin Citu, Iosif Marincu, Claudia - Crina Toma. *Role of atorvastatin ((3r,5r)-7-<2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-propan-2-ylpyrrol-1-yl>-3,5-dihydroxyheptanoic acid) on endothelial function in patients with dyslipidemia*. *Rev.Chim.(Bucharest)*, 2015, 66(10): 833-836.
9. Ovidiu Boruga, **Germaine Savoiu**, Elena Hogeia, Alina Heghes, Elena Voichita Lazureanu. *Correlation between high- sensitivity C-reactive protein and intima media thickness in patients with coronary artery diseases and essential hypertension*. *Rev.Chim.(Bucharest)*, 2015, 66(10): 746-749.
10. Georgeta Simu, Ionut Valentin Ledeti, Simona Muntean, Adriana Fulias, Ioana Citu, Codruta Soica, Doina Onisei, **Germaine Savoiu - Balint**, Iulia Pinzaru, Daniela Ionescu. *Study of the Interaction of Some Pharmaceutical Compound with Different Cellulosic Supports*. *REV. CHIM. (Bucharest)*. 2014. 65(6):664-670.
11. Tudor Olariu, Lenuta-Maria Suta, Calin Popoiu, Ionut Valentin Ledeti, Georgeta Maria Simu, **Germaine Savoiu - Balint**, Adriana Fulias. *Alternative Synthesis of Paracetamol and Aspirin under Non-conventional Conditions*. *REV. CHIM. (Bucharest)*. 2014. 65 (6): 633-635.
12. Codruta Soica, Corina Danciu, **Germaine Savoiu-Balint**, Florin Borcan, Rita Ambrus, Istvan Zupko, Florin Bojin, Dorina Coricovac, Sorina Ciurlea, Stefana Avram, Cristina Adriana Dehelean, Teodora Olariu, Petru Matusz. *Betulinic Acid in Complex with a Gamma-Cyclodextrin Derivative Decreases Proliferation and in Vivo Tumor Development of Non-Metastatic and Metastatic B164A5 Cells*. *Int. J. Mol. Sci*. 2014, 15(5), 8235-8255; doi:10.3390/ijms 15058235, FI 2.464
13. Adriana Fulias, Calin Popoiu, Gabriela Vlase, Titus Vlase, Daniela Onetiu, **Germaine Savoiu**, Georgeta Simu, Cristina Patrucescu, Gheorghe Ilia, Ionut Ledeti. *Thermoanalytical and spectroscopic study on methotrexate – active substance and table T*. *Digest Journal of Nanomaterials and Biostructures* 01/2014; 9(1):93-98.
14. Borza Claudia, **Germaine Savoiu**, M Andoni, M Butur. *Implications of oxidative stress in the pathogenesis of diabetic neuropathy*. *Journal of food agriculture and environment, section Health*, vol 11, issue 1, pg 51-53, Helsinki, Finland, ian 2013, FI,
15. Claudia Borza, **Germaine Savoiu**, Mihaela Andoni, Butur Marius. *Occupational pathology in an employees group working at videoterminal*. *JFAE*, vol. 11(2):115-116, 2013.
16. Ionut Ledeti, Georgeta Simu, Gabriela Vlase, Titus Vlase, Tudor Olariu, **Germaine Savoiu**, Lenuta-Maria Suta, Calin Popoiu, Adriana Fulias. *Ni(II) Coordination Compound with Acetaminophen. Synthesis and Characterization*. *Revista de Chimie -Bucharest- Original Edition-* 01/2014; 65(5):556-559.
17. Lenuta-Maria Suta, Calin Popoiu, Ionut Ledeti, Georgeta Simu, **Germaine Savoiu**, Adriana Fulias. *Alternative Synthesis of Paracetamol and Aspirin Under Non-conventional Conditions*. *Revista de Chimie -Bucharest- Original Edition-* 01/2014; 65(6):621-623.
18. Ionut Ledeti, Georgeta Simu, Gabriela Vlase, **Germaine Savoiu**, Titus Vlase, Lenuta-Maria Suta, Calin Popoiu, Adriana Fulias. *Synthesis and Solid-State Characterization of Zn(II) Metal Complex with Acetaminophen*. *Revista de Chimie -Bucharest- Original Edition-* 10/2013; 64(10):1127-1130. • **0.54 Impact Factor**
19. **Savoiu-Balint G**, C. Borza, C. Cristescu, M. Andoni, G. Simu, D. Malita, A. Cheveresan. *Protectia antioxidanta endogena si exogena pentru disfunctia endoteliala*. *Revista de Chimie*, vol 6, 2011

## BOOKS

1. **Savoiu G.**, Borza C., Serban C., Petrus A., "Anatomia, fiziologia si fiziopatologia sistemelor: cardiovascular, endocrin, osos, muscular, digestiv, renal". Editura Eurobit, Timisoara, 2014.
2. **Săvoiu-Balint G.**, Borza C., Șerban M.C., Simu G., Dehelean C., Andoni M., Muntean I., Fuliș A.: Exploring Life. Chemistry, Biochemistry and Physiology of Cell. Lecture Notes., Ed. Eurobit Timișoara, 2014, 140 pagini, ISBN 978-973-132-158-5.

3. **Germaine Savoiu**, Claudia Borza, Corina Serban, "**Fiziologia si fiziopatologia metabolismelor** ", Ed. Eurobit, 130 pagini, 2013, ISBN: 0789731320137
4. **Germaine Savoiu-Balint**, Claudia Borza, Corina Serban, "**Anatomia, Fiziologia, Fiziopatologia Sistemelor**" ( endocrin, osos, muscular, digestiv, renal), Ed. Eurobit, 166 pagini, 2012, ISBN: 9789731320489
5. **Germaine Savoiu-Balint**, Carmen Cristescu, Corina Serban, "**Anatomie, Fiziologie, Fiziopatologie**", Aplicatii practice, Ed. Eurobit, 148 pagini, 2011, ISBN:9789736208157
6. **Germaine Savoiu**, Carmen Cristescu, Corina Serban, **Anatomia, Fiziologia si Fiziopatologia Sistemelor**, Ed. Eurobit, 141 pagini, 2010, ISBN:9789736207136
7. **Germaine Savoiu**, Carmen Cristescu, Oana Duicu, "**Anatomie, Physiologie, Physiopathologie, Applications**, Ed. Eurobit. 168 pagini, 2010, ISBN 9789736206290
8. Alexandru Cristescu, Danina Muntean, Ovidiu Fira-Mladinescu, Ioana Mozos, **Germaine Savoiu**, Corina Gorun, D. Barglazan, Nicoleta Mirica, Oana Duicu, Camelia Costea, Andreea Raducan. **Fiziopatologie. Lucrari practice**. Editura Fleming, 170 de pagini, 2005, ISBN: 973-98153-8-3.
9. Lavinia Noveanu, Ovidiu-Fira Mladinescu, **Germaine Savoiu** „**Funcțiile endotelului arterial. Implicatii fiziologice si patologice**”, Editura Eurobit, 162 pagini, 2006, ISBN: 978-973-620-243-8.
10. Claudia Borza, **Germaine Savoiu**, Carmen Cristescu, **Fiziologia si fiziopatologia imbatranirii**, Ed. Eurobit, 109 pagini,, 2010, ISBN: 9789736207143
11. Cristescu Carmen, Borza Claudia, Voicu Mirela, **Savoiu Germaine** si colab.- *Pharmacie clinique*, Ed. Eurobit, 226 pg, 2013, Timisoara, ISBN 978-973-132-042-7

### **BOOK CHAPTERS**

1. Borza Claudia, Muntean Danina, Dehelean Cristina, **Savoiu Germaine** et al – *Oxidative stress and lipid peroxidation – a lipid metabolism dysfunction* in Lipid Metabolism, edited by Rodrigo Valenzuela Baez, 460 pg, 2013, Publisher In Tech, Croatia, ISBN 978-953-51-0944-0, Publ on line 2013 under CC BY 3.0 license
2. Corina Serban, Ruxandra Cristodorescu, Alexandru Caraba, **Germaine Savoiu**, Carmen Cristescu, Simona Dragan, Capitol: Specific features of target organ damage in patients with arterial hypertension and coronary artery disease, Coronary Artery Disease, Edited by Dr. Illya Chaikovsky, 332 pg., Published in print edition March, 2012, ISBN 978-953-51-0238-0.
3. Corina Serban, Dragan Simona, Mozos Ioana, Mateescu Rodica, **Savoiu Germaine**, Caraba Alex, Romosan Ioan, Capitol: Homeostatic indices in hypertensive patients with metabolic syndrome, 9th World Congress for Microcirculation, Monduzzi Editore, International Proceedings Division, 106 pg, Published in print edition March 2011, ISBN 978-88-7587-602-9
4. Corina Serban, Dragan Simona, Mozos Ioana, Mateescu Rodica, **Savoiu Germaine**, Caraba Alex, Romosan Ioan, Capitol: relationship between plasma von Willebrand factor, fibrinogen and flow mediated vasodilatation in hypertensive patients, 9th World Congress for Microcirculation, Monduzzi Editore, International Proceedings Division, 106 pg, Published in print edition March 2011, ISBN 978-88-7587-602-9

### **POSTGRADUATE COURSES - lecturer**

- „Rolul markerilor biochimici și funcționali ai disfuncției endoteliale la pacienții cu boli cardiovasculare”. Universitatea de Medicina și Farmacie „Victor Babeș” Timisoara. 2021
- „Markeri funcționali și biochimici ai disfuncției endoteliale”. Universitatea de Medicina și Farmacie „Victor Babeș” Timisoara. 2014
- „Fiziologia normală și patologică a endotelului arterial”, Universitatea de Medicină și Farmacie „Victor Babeș”, Timișoara, Disciplina de Fiziopatologie, 30-02.06. 2007
- „Regenerative medicine era stem”, Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Disciplina de Fiziologie și Imunologie, 15-24.11. 2007
- „Impactul ecologic asupra sănătății omului”, Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Disciplina de Biologie generală, 30 -02.06. 2007
- „Actualități în fiziopatologia ischemiei-reperfuziei miocardice, rolul central al mitocondriilor în cardioprotecție”, Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Disciplina de Fiziopatologie, 30-02.06. 2007
- „Cardiac Rehabilitation in Europe-course”, Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Disciplina de Cardiologie, 27.01.2006

Germaine Savoiu-Balint, PhD