

## PERSONAL INFORMATION

Samoila Olguta Corina

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## EXPERIENCE

February 2008 - today

**LECTURER**

Universitatea de Medicina si Farmacie V. Babes, Timisoara, P-ta Eftimie Murgu nr. 2

February 2002 – February 2008

**TEACHING ASSISTANT**

Universitatea de Medicina si Farmacie V. Babes, Timisoara, P-ta Eftimie Murgu nr. 2

September 1998 – February 2002

**SECONDARY SCHOOL TEACHER**

Palatul Copiilor Timisoara, Timisoara (România)

September 1996-1998

**SECONDARY SCHOOL TEACHER**

Palatul Copiilor Timisoara, Timisoara (România)

## EDUCATION AND TRAINING

2002-2008

**DOCTORAL STUDIES – PHD IN CHEMICAL ENGINEERING**

POLYTECHNIC UNIVERSITY TIMISOARA

THESIS TITLE:

REGULATION OF REACTIVE OXYGEN SPECIES IN HUMAN ORGANISM WITH APPLICATIONS IN ALIMENTARY INDUSTRY AND MEDICINE

**nr 3030 din 13.01.2009**

1991 - 1996

**CHEMISTRY DEGREE**

UNIVERSITY OF BUCHAREST, FACULTY OF CHEMISTRY

FOREIGN LANGUAGES	UNDERSTANDING		TALKING		WRITING
	LISTENING	READING	CONVERSATION	ORAL PRESENTATION	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	B2	B2	B2	B2	B2

Niveluri: A1/2: EEMENTARY - B1/2: INDEPENDENT USE - C1/2: EXPERIENCE LEVEL

#### Trainings and fellowships:

- a. Marie Curie Fellowship 01/06/2005–31/03/2006, Leeds Univeristy, Light Laboratories, Leeds (GBR)
- b. training - oct.2007, Basic Sequencing and Fragment Analysis, Reference number T-070518102618GB, Applied Biosystems , Warrington, UK
- c. 2006 –lectures -Overview on statistical software SPSS, University of Leeds
- d. 2006 –lectures- Ethics and Scientific Research on Human Subjects (University of Leeds)

#### Research projects :

- a. **Investigation of the endothelial repair capacity of the endothelial progenitor cells: a new biomarker of the evaluation of predisposition, therapeutic attitude and the prognostic in the metabolic syndrome - Contract 1125/19.01.2009 program, IDEI, value 451 095.09, duration 3 years**
- b. **The study of the synergic bioactivity of the functional antioxidant foods in the reversibility of the metabolic syndrome MET\_ANTIOX- Contract No.101/7. oct 2005, value 1 087 400 RON, duration 3 years (oct 2005-oct 2008)**
- c. **Expertise center in the determination of the markers of the degenerative diseases (cancer, diabetes, cardiovascular diseases) contract Nr 98/CP//13.09.2007, CAPACITATI /PI (PN2), value 1600000 Ron, duration i year 1 oct 2007 - 30 sept 2008**
- d. Treatment of the Peripheral vascular complications in diabetes and nondiabetic atheropathies using angiogenic therapy, contract no. 41052/2007, PN2, Parteneriate, value : 2 000 000 RON, duration2007-2010
- e. Angiogenic therapy in severe chronic ischemia of the lower limbs, contract nr. 318/2004, contract no. 318/2004, value 1 964 380 000 lei, duration 2004-2006
- f. **Marie Curie Research Grant, Leeds University, HMPT-CT-2001-00320**

#### ACTIVITATE STIINTIFICA

HI = 4, 16 publications , 56 citations

#### Selection of articles:

1. KOCH, Claudia, et al. Synthesis, Characterization, and Antiproliferative Properties of New Bio-Inspired Xanthylum Derivatives. *Molecules*, 2023, 28. Jg., Nr. 3, S. 1102.
2. Anghel, A.; Sala-Cirtog, M.; Marian, C.; Samoila, C.; Sirbu, I.O. Dietary Soy Impact on Host Transcriptome, Profile—A Review. *Appl. Sci.* 2021, 11, 7905. <https://doi.org/10.3390/app11177905>
3. PACIOGLU, Octavian, et al. Multifaceted implications of the competition between native and invasive crayfish: a glimmer of hope for the native's long-term survival. *Biological Invasions*, 2020, 22. Jg., Nr. 2, S. 827-842.

4. ANGHEL, Andrei, et al. Safety of vascular endothelial and hepatocyte growth factor gene therapy in patients with critical limb ischemia. *Current neurovascular research*, 2011, 8. Jg., Nr. 3, S. 183-189.
5. AVRAM, Gabriela-Emilia, et al. Changes in global DNA methylation and hydroxymethylation in oral mucosa according to tobacco smoke exposure. *Journal of International Medical Research*, 2020, 48. Jg., Nr. 9, S. 0300060520954677.
6. MIHALA, Adrian, et al. A pilot study on the expression of microRNAs resident on chromosome 21 in laser microdissected FFPE prostate adenocarcinoma samples. *Rom. J. Morphol. Embryol*, 2015, 56. Jg., S. 1063-1068.
7. AVRAM, Emilia Gabriela, et al. Gene network analysis of the transcriptome impact of methylated microRNAs on oral squamous cell carcinoma. *Advances in Clinical and Experimental Medicine*, 2022, 31. Jg., Nr. 11, S. 1231-1242.
8. MARIANA, Anghel; CORINA, Samoilă; LIVIU, Tămaș. Analysis of melamine contamination in meat and dairy products commercialized in the western part of Romania. *J. Agroaliment. Proces. Technol*, 2013, 19. Jg., S. 16-21.
9. SAMOILA, Corina, et al. Denaturing high performance liquid chromatography and bioinformatics-Two modern tools for extracellular superoxide dismutase (SOD3) gene promoter analysis. *Rev. Chim*, 2008, 59. Jg., Nr. 7, S. 773-778.
10. ALEXA, Andreea-Anda, et al. SHORT TERM ACTIVATION OF CANONICAL WNT SIGNALING PATHWAY INHIBITS PROLIFERATION OF LNCAP CELLS. *New Frontiers in Chemistry*, 2017, 26. Jg., Nr. 2, S. S2\_P8-S2\_P8.
11. ANGHEL, Andrei, et al. Increased Levels of Endothelial Progenitor Cells in Newly Diagnosed Non-Diabetic Metabolic Syndrome Patients. *International Medical Journal*, 2012, 19. Jg., Nr. 1, S. 21-24.

**Timisoara**  
**01.10.2025**

**SL. DR SAMOILA CORINA**