

# CV

## PERSONAL INFORMATION

First name (s) /Surname(s)

**Cristina Maria Carmen Mihali**



Address

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E-mail

cmihali@yahoo.com

Nationality

Romanian

Date of birth

24 08 1959

Place of birth

Baia Mare

Marital status

Married, one child

## WORK EXPERIENCE

Dates

1.10.1996-ongoing

• Name and address of employer

North University of Baia Mare, 62A, Dr. Victor Babeş street

Tel.: (40-262) 21 89 22

Website: <http://www.ubm.ro>

• Type of business or field

Education and research

• Occupation or position held

Lecturer

• Main activities and responsibilities

Lectured courses:

- Technological Chemistry
- General Food Technology
- Physical Chemistry
- Electrochemical Sensors

Providing the Laboratory classes for these disciplines

Dates

17.10.1983-1.10.1996

• Name and address of employer

S.C. Maratex S.A.

• Type of business or field

Textile enterprise

• Occupation or position held	Chemical engineer, Head of Work Protection and Environment Protection Department
Dates	23.11.1982 - 16.10.1983
• Name and address of employer	Beer Factory in Satu - Mare
• Type of business or field	Food industry
• Occupation or position held	Chemical engineer, quality control

## EDUCATION AND TRAINING

Dates	1996-2006
• Name and type of organization providing education and training	“Babes-Bolyai” University in Cluj Napoca, Faculty of Chemistry and Chemical Technology
• Principal subjects/occupational skills covered	Presentation of the doctoral dissertation with the title: “Researches Regarding Preparation of Electrochemical Sensors for Anionic Surfactants” / Preparation of polymeric membrane, testing the ion selective electrodes, establishing the electrode function and others electrodes characteristics: response time, selectivity, stability, reproducibility
• Title of qualification awarded	Chemistry Ph Doctor
Dates	31.07-9.08 2006
• Name and type of organization providing education and training	North University of Baia Mare
• Principal subjects/occupational skills covered	Optoelectronic Techniques for Environmental Monitoring and Risk Assessment
• Title of qualification awarded	Certificate for participation to the „Optoelectronic Techniques for Environmental Monitoring and Risk Assessment” Summer School OTEM 2006
Dates	16-18.06.1999
• Name and type of organization providing education and training	Bucharest University, Faculty of Chemistry
• Principal subjects/occupational skills covered	Electrochemical methods of analysis
• Title of qualification awarded	Certificate of graduation
Dates	1977-1982
• Name and type of organization providing education and training	Polytechnic Institute of Bucharest, Faculty of Chemical Technology
• Principal subjects/occupational skills covered	Chemical Technology, Organic Chemical Technology
• Title of qualification awarded	Chemical engineer
Dates	1972-1977

## SKILLS AND COMPETENCES

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas*

1979-1982	Organizing exploration, member of Speleology Club „Emil Racovita” Bucharest
1983	<i>Presentation skills, skill of groups organization, Course for touristy guide</i>
MOTHER TONGUE	<b>Romanian</b>
OTHER LANGUAGES	
	<b>ENGLISH</b>
• Reading skills	Excellent
• Writing skills	Good
• Verbal skills	Good

	<b>FRENCH</b>
• Reading skills	Excellent
• Writing skills	Good
• Verbal skills	Good
ARTISTIC SKILLS AND COMPETENCES: MUZIC, DRAWING, PICTURE, LITERATURE, ETC.	Literature
SOCIAL SKILLS AND COMPETENCES	The ability of communicating, collaborating, team working
ORGANIZATIONAL SKILLS AND COMPETENCES	Secretary of the „ Environment –Natural Sciences-Food Industry in EUROPEAN CONTEXT” conference Collaboration at the editing of ENSFI Conference proceedings
TECHNICAL SKILLS AND COMPETENCES	Competent with Word, Excel, PowerPoint, HTML
DRIVING LICENCE	-

### Additional information

RESEARCH AREAS Electrochemical sensors, the surfactant chemistry, technological chemistry, physical chemistry, food industry, environmental chemistry, analytical chemistry

### PUBLICATIONS (2008-2005)

- Cristina Mihali, Gabriela Oprea, Elena Cical, *The Determination of critical micelar concentration of anionic surfactants using surfactants –sensible electrodes*, Chem. Bull. "Politehnica"Univ. Timioara, volume 53(67), Fasciola 1-2, 2008, ISSN 1224-6018, p.159-162
- E. Cical, C. Mihali, G. Oprea, G. Vatca, G. Burtică, L. Lupa, *Studies regarding the drinking water quality using aluminum sulphate comparative with aluminum base poly chlorine*; Chem. Bull. "Politehnica"Univ. Timioara, volume 53(67), Fasciola 1-2, 2008, ISSN 1224-6018, p. 73-77
- Elena Cical, Gabriela Oprea, Cristina Mihali, Laura Ardelean, Georgeta Burtică, Lavina Lupa, *Systematic studies regarding the introduction of a new product in the flow of drinking water of an atypical surface source*, Revista de chimie, vol.59 (9), p.1030-1035, 2008
- Gabriela Oprea, Cristina Mihali, Elena Hopârtean, *Electrozi selectivi față de surfactanții anionici, având ca ionofor laurilsulfatul de tricaprilmetil amoniu*, Revista de chimie, 58 ( 3 ) , 2007, p. 335-338.
- G. Oprea, A. Michnea, C. Mihali, *Adsorption kinetic of 8-hydroxyquinoline on malachite*, Am. J. Applied Sci., 4(8), p. 592-596, 2007, ISSN 1546-9239, indexed in data bases: DOAJ, INSPEC, ProQuest, Ulrich, CAS, WAD, Textile Abstract, PTA, ASA, Genamics. Thompson Gale, Thompson ISI, SCOPUS
- Cristina Mihali, Andra Mihali, Gabriela Oprea, *The application of the all-solid-state potentiometric sensors to the surfactants determination from the environmental samples*, Volume Workshop OTEM 2007, p. 65
- Gabriela Oprea, Angela Michnea, Cristina Mihali, *The study of the interface of mineral - chelating acting reagent solution*, Proceedings of the 1<sup>st</sup> International Conference ENSFI, Baia Mare, 16-17 November 2007, ISBN 978-973-1729-39-8, p. 96-100.
- Gabriela Oprea, Camelia Varga, Cristina Mihali, Anca Peter, Ioana Dunca, *Îndrumator pentru lucrari practice de chimie fizica si coloidala*, Editura Risoprint, ISBN 973-751-384-3 978-973-751-384-7, Cluj Napoca, 2006. (159 p)
- Gabriela Oprea, Cristina Mihali, Ioana Poran, *Studiul inhibitorului de coroziune K<sub>2</sub>CrO<sub>7</sub>*, Buletinul Universității Petrol-Gaze din Ploiești, vol LVII, seria

GRANTS - PROGRAMMES

2008-2011: *Interdisciplinary Research Concerning Soil-Plant Correlation, Establishing of Transfer Factors for Areas with Historic Anthropogenic Pollution (CISPPA)*

Financial Source: Ministry of Education and Research, CNMP (PNCD 2) by Programme 4 – Partnership in proritary programmes

CONFERENCES

(2008-2003 – The most important)

- Cristina Mihali, Gabriela Oprea, Elena Cical, *The Determination of critical micelar concentration of anionic surfactants using surfactants –sensible electrodes*, International Conference on Chemistry and Chemical Engineering- 60 Years of Chemical Engineering Education, May 28-30, 2008, Timisoara/Romania

- Elena Cical, Cristina Mihali, Gabriela Oprea, Georgeta Burtică, Lavinia Lupa, *Studies regarding the drinking water quality using aluminum sulphate comparative with aluminum base poly chlorine*; International Conference on Chemistry and Chemical Engineering - 60 Years of Chemical Engineering Education, May 28-30, 2008, Timisoara/Romania

- Cristina Mihali, Gabriela Oprea, Elena Hopârtean, Ioana Dunca, *All-solid-state electrodes for potentiometric analysis of ionic surfactants*, International Conference on Physical Chemistry ROMPHYSICHEM-12, 6-8 September 2006, Bucharest

- Cristina Mihali, Andra Mihali, Gabriela Oprea, *The application of the all-solid-state potentiometric sensors to the surfactants determination from the environmental samples*, Workshop OTEM 2007

- Gabriela Oprea, Angela Michnea, Cristina Mihali, *The study of the interface of mineral - chelating acting reagent solution*, The 1<sup>st</sup> International Conference ENSFI, Baia Mare, 16-17 November 2007

- Gabriela Oprea, Cristina Mihali, Ioana Poran, *Studiul inhibitorului de coroziune  $K_2Cr_2O_7$* , Sesiunea de comunicări științifice a Universității de Petrol-Gaze din Ploiești , 11-13 mai 2005.

MEMBERSHIPS

- Member of Chemistry Society in Romania (2002 –present)

10.01.2009

Cristina Mihali