



**Europass
Curriculum
Vitae**



**Personal
information**

Surname(s) / **GERGEN Iosif Ion**
First name(s)

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Nationality roumanian

Date of birth 27 sept 1951

Gender male

**Work
experience**

Date from - Date to	Location	Company	Position	Description
1975-1990	Timisoara	Office for Agrochemistry and Soil Science of Timisoara (OSPA)	Laboratory leader	Soil, water, fertilizers, agrochemicals and food analysis, agrochemistry and soil science study, field experiments
1990	Timisoara	Environment Survival and Protection Agency, Timisoara	Environment inspector	Control of soil, water and food pollution in Timis county

1990-mai 2005	Timisoara	U.S.A.M.V.B. Timișoara, Food Technology Faculty	Assoc. professor	Analytical chemistry, practice and course, research activity in the field of food analysis and bioactive compounds from plants
mai 2005- prezent	Timisoara	U.S.A.M.V.B. Timișoara, Food Technology Faculty	Professor	Food Chemistry and Food Analysis, course and practice, research activities in the field of food compositions, bioactive compounds from plants, heavy metals, environment management.

Education and training

Institution

[Date from - Date to]

25 June 2012, Eötvös Lorand University, Budapest

10-11 March 2011, Universitatea POLITEHNICA Bucuresti & Institute of Reference Materials and Measurements

15-18 July, 2010, Politehnica Timișoara & Michigan State University

5-9 VI, 2010, Universitatea Politehnica-Timșoara

2005- Post university Study, CCIA (Commerce Chamber for Agriculture and Food Industry) Timisoara

2004- USAMVB Timisoara

1998-

1989-1997: Babeș-Bolyai University , Cluj Napoca, Chemistry Faculty

1970-1995: Babeș-Bolyai University, Cluj Napoca; Chemistry Faculty, university study.

1966-1970- Secondary school: Liceul Nr. Caransebeș, Jud. Caraș-Severin;

Degree(s) or Diploma(s) obtained:

Certificate of pre-conference course held as part of the XIII. Chemometrics in Analytical Chemistry Conference, 25-29 June, 2012

Certificate of Attendance: Principles and Applications of Metrology in Chemistry (TrainMiC)

Summer school: Solving Environmental Problems through the Understanding of Risk and Environmental Processes

Summer school: Atomic Absorption Spectrometry Course

Auditor for Quality Management (Auditori interni pentru Sistemul de Management al Calității –CCIAT, Elaborarea documentelor sistemului de management al calității -CCIAT).

Post university study: Achievements and perspective in Biology, Modern Biotechnology and Biosecurity

- PhD in chemistry

- PhD study

- Chemistry License diploma

-school leaving examination diploma (9,66)

Personal skills and competences

Mother tongue(s) **Roumanian**

Other language(s) **English, German, Russian**

Self-assessment	<i>European level (*)</i>	Understanding		Speaking		Writing
		Listening	Reading	Spoken interaction	Spoken production	
Language english		B2	B2	B2	B2	B2
Language german		B2	B2	B2	B2	B2
russian		A2	A2	A2	A2	A2

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

Social skills and competences Integration capabilities in teamwork, competent as teammate and also the manager responsible.

Organizational skills and competences

1. Co-coordinator of 4 national grants at University level
2. Coordinator of teaching process (prodean-2004-2008)
3. Coordinator of Master study (Faculty level): Engineering of Functional Food (2008- present)

Technical skills and competences Soil and water analysis, food and feed analysis, soil classification, agrochemistry, spectrometry, chromatography, functional foods, chemometrics.

Computer skills and competences Computer competence: Microsoft Office (Word, Excel), Molecular modeling (HyperChem), Computational chemistry and Chemometrics (Panorama, Unscramble, Statistica),

Artistic skills and competences Dance, music and picture, as hobby.

Driving licence Driving licence, B

Additional information Scientific papers and conferences

Autors	Papers/Conferences	Journals
Lupea A. X., Radu F., Gergen I.	Abietic acid ammonium salts, biodegradable surface-active agents, with antimicrobial activity	<i>Revista de Chimie (Bucuresti)</i> , 54(11) ,2003: 942-948

I. Ianculov, I. Gergen , R. Palicica, M. Butnariu, D. Dumbravă	The determination of total alkaloids from <i>Atropa Belladonna</i> and <i>Lupinus</i> sp. using various spectrophotometrical and gravimetrical methods	<i>Revista de Chimie (Bucuresti)</i> , 55(11) , 2004, 835-838
I.Gergen , F. Radu, M. Poiană	Bee's pollen moisture determination by halogen lamp infrared drying method	<i>Revista de Chimie (București)</i> , 56 (1) , 2005,54-56
Ianculov I., R. Palicica, Monica Butnaru, Dekia Dumbrava, I. Gergen	The obtaining of chlorophyll in crystalline form from fir needles (<i>Abies alba</i>) and from pine needles (<i>Pinus silvestris</i>)	<i>Revista de Chimie (București)</i> , 56(3) , 2005,441-443
Butnariu M., M. Goian, I. Ianculov, I. Gergen , P. Negrea	Studies about Co^{+2} ion influence on soy plants development and accumulation of other chemical elements (Fe, Mg,Ca, K and P)	<i>Rev.Chim.(București)</i> , 56(8) 2005, p. 837-841
Gogoasa I., Marutoiu Ctin, Gergen I , Rada M., Tigae, C.	The use of vegetables as indicators in determining the environmental pollution	<i>Revista de Chimie (Bucuresti)</i> , 56(12) , 2005, 1275-1276
I.Gergen* , F.Radu, D. Bordean, H.D. Isengard	Determination of water content in bee's pollen samples by Karl Fischer titration	<i>Food Control</i> , 17(2006) , 176-179
Despina-Maria Bordean , Iosif Gergen , Monica Harmanescu, Luminița Pirvulescu, Marius Butur and Ciprian Ioan Rujescu	Mathematical model for environment contamination risk evaluation	<i>Journal of Food, Agriculture & Environment</i> , 2010, <i>Vol.8 (2)</i> : 1 0 5 4 - 1 0 5 7
D.S. Stef , Gergen Iosif , T.I. Trasca, □Lavinia Stef □ Cecilia Pop, Monica Harmanescu, Ramona Biron, Elena Pet	Evaluation of 33 medicinal plant extracts for the antioxidant capacity and total phenols	<i>Journal of Food, Agriculture & Environment –2010</i> <i>Volume 8, Issue 3&4, pag. 207-210</i>
Iosif Gergen	Foods minerals	<i>Conference at The 2nd International Conference on Food Chemistry, Engineering & Technology May 19 – 20, 2011 Timișoara, Romania</i>
Harmanescu M., Dragan S., Gergen I.	The evolution of some parameters of oxidative stress in nutrition with functional foods enriched with natural antioxidants	<i>Conference at The 13th DKMT Euroregional Conference on Integrative Medicine, Nutrition and Health, 8-10 September 2011 Timisoara</i>

Despina-Maria Bordean Iosif Gergen , Ioan Gogoasă, Gabriela Oprea, Luminița Pirvulescu, Liana Maria Alda , Simion Alda , Aurica-Breica Borozan and Monica Harmanescu	Mathematical model evaluation of heavy metal contamination in vegetables and fruits	<i>Journal of Food, Agriculture & Environment Vol.9 (1): 680 - 683, 2011</i>
Monica Harmanescu, Liana Maria Alda, Despina Maria Bordean, Ioan Gogoasa and Iosif Gergen*	Heavy metals health risk assessment for population via consumption of vegetables grown in old mining area; a case study: Banat County, Romania	<i>Chemistry Central Journal 2011, 5:64doi:10.1186/1752-153X-5-64</i>
Ducu Sandu Stef, Iosif Gergen*	Effect of mineral-enriched diet and medicinal herbs on Fe, Mn, Zn, and Cu uptake in chicken,	<i>Chemistry Central Journal 2012, 6:19 doi:10.1186/1752-153X-6-19</i>
Monica Hărmănescu, Alexandru Moisuc, Iosif Gergen*	The impact of organic and mineral fertilizers on the Yield and minerals contents of Fabaceae from permanent grassland	<i>Environmental Engineering and Management Journal, (2012), Vol.11, No. 1, 87 – 91, http://omicron.ch.tuiasi.ro/EEMJ/</i>
Monica Hărmănescu*, Alexandru Moisuc, Iosif Gergen	FTIR Spectroscopy – a nondestructive method to monitor the impact of different fertilizers on the floristic matrix of permanent grassland	<i>Environmental Engineering and Management Journal, 2012, Vol.11, No. 2, 1821 – 1006, http://omicron.ch.tuiasi.ro/EEMJ/</i>

Research grant:

Principal Coordinator:

-Studii privind evaluarea capacitatii antioxidante si a continutului in substante cu caracter antioxidant a tomatelor obtinute in conditii protejate (sere, solarii) si in camp, (Studies on the evaluation of antioxidant capacity and content in antioxidant substances of tomatoes obtained under protected conditions-greenhouses, solariums and field) cod CNCISIS 46/2005, Director,2005-2007.

Partners coordinator:

-Studiul bioactivitatii sinergice a alimentelor functionale antioxidante in reversibilitatea sindromului metabolic (Study of synergistic bioactivity of functional food with antioxidant in reversibility of metabolic syndrome) MET-ANTIOX, CEEEX, Nr. 10/2005, Responsible of TPA-USAMVBT, 2005-2007.

-Impactul alimentelor functionale multicomponent in combaterea obezitatii si aterosclerozei (The impact of multicomponent functional foods in combating obesity and atherosclerosis) ANTIATERO-ALIM, CEEEX 44/2006, Responsible of USAMVBT, 2006-2008.

-PNCDI2: Metodologii cu acuratete inalta in detectarea reziduurilor si contaminantilor din produsele apicole cu valoare alimentara (Methodologies with high accuracy in detection of residues and contaminants in bee products with food value), MRC-PA, Grant nr: 51-070/14.09.2007, Responsible of USAMVBT, 2007-2010.

-PNCDI2: Senzori piezoelectrici performanti pe baza de noi structuri alfa quart, senzori pentru calitatea si siguranta alimentelor (Piezoelectric sensors based on new performing alpha quartz structures, sensors for food quality and safety), SENZALI, Grant nr. 102/01102007. Responsible of USAMVBT. 2007-2010

-PNCDI2: Senzori piezoelectrice performanti pe baza de noi structuri alfa cuarț, senzori pentru calitatea și siguranța alimentelor (New piezoelectric sensors based on α -quartz type materials, for safety and quality control food industry), SENZALI, Gant nr. 102/01 10 2007, Responsible of USAMVB T, 2007-10.

Patents:

Nr. crt.	Autors	Nr.	Brevet title	Year
1	I. Gergen, I. Pușcă	Brevet, Nr. 90967 din 28.06.1986	Metodă de obținere a unui îngrășământ foliar complex prin prelucrarea sterilului minier (Method of obtaining a foliar complex fertilizer processing by mining tailings)	1986
2	Ianculov I., Caloianu Maria, Iordachel R., Iordachel C., Vermesan H., Albușescu Gabriela, Goian M., Palicica R.D., Gergen I.I. , Lucaci Luminita Cornelia,	Nr. brevet: 116521B din 30.03. 2001.	Procedeu pentru obtinerea unui unguent terapeutic, antireumatic și antitraumatic, pe baza de tioglicozizi din <i>BRASSICA OLERACEA</i> (Onguent therapeutique contre les rheumatismes et les inflammations a base de tioglycoside extraits de Brassica Oleracea)	2001
3	Caloianu Maria, Ianculov I., Vermesan H., Iordachel R., Iordachel C., Palicica R.D., Albușescu Gabriela, Goian M., Gergen I.I. , Lucaci Luminita	Nr. brevet: 116565B din 30.03.2001.	Procedeu de obtinere a tioglicozizilor tetraacetilati din diferite materiale vegetale (Procedee d'extraction des thyoglycosides tetraacetyles de differentes sources vegetales.)	2001
4	Monica Butnariu, Veronica Sărățeanu, Radu- Dimitrie Palicica, Iosif Gergen , Iosif Ianculov, Samfira Ionel, Cheț Cornelia:	Invention patent application, A/00686/10 10 2007, Decisions to grant B.I. (patented) No. 3/236 of 30 11 2009.	Procedure and product on the base of <i>Alchillea Millefolium L.</i> , inflorescence's extracts enriched with zinc, with antispastic, astringent, antiinflammatory, healing and antibiotics action,	2009

Members in professional society and associations

Nr. crt.	Professional Society and Associations
1	Societatea Națională Româna de Știința Solului (1979) (Roumanian Society of Soil Science)
2	Societatea Romana de Biochimie si Biologie Moleculara (1990) (Roumanian Society for Biochemistry and Molecular Biology)
3	Societatea de Chimie din România (2008) (Roumanian Society for Chemistry)
4	ACMV (Asociația pentru cercetare multidisciplinară din zona de vest a României)Timisoara (Association for Multidisciplinary Research in Western Romania, Timisoara) (2005)
5	Asociația Specialistilor din Industria Alimentară din România (ASIAR) (2009) (Roumanian Association of specialist from Food Industry)
6	TehImpuls Timișoara (2009)
7	Fundația pentru Alimentație Sănătoasă (FPAS) 2010 (Foundation for healthy eating)