

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name

Address

Telephone

Fax

E-mail

Nationality

Date of birth

Sex

OSTAFE, VASILE

JOB TARGET / OCCUPATIONAL
FIELD

PROFESSOR

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held / Main activities and responsibilities

Positions and activities within the university:

December 1990 onwards

West University of Timisoara, Faculty of Chemistry-Biology-Geography, Pestalozzi 16, Timisoara 300115, Romania

Academic

(i) Professor (since 2000), PhD (since 1993), Head of Department of Biology - Chemistry (since 2016)

Coordinator of activities of Department of Biology – Chemistry (Faculty of Chemistry, Biology, Geography)

Teaching activities and Coordinator of activities of Biochemistry group

Former positions and activities:

(ii) Vice-Rector of West University of Timisoara (April 2008 - March 2012)

Responsible with scientific research affairs

(iii) Chancellor of Faculty of Chemistry – Biology – Geography (between 2000 – 2008),

Coordinator of scientific activities of Faculty of Chemistry - Biology - Geography

(iv) Deputy Director of Interdisciplinary Platform "Nicholas Georgeescu-Roegen" (since 2006),

Coordinator of activities of the Platform related with Environmental Protection and Chemical Analysis

Coordinator of the activities of the Advanced Environmental Research Laboratories

(v) Editor of Scientific Journal "Annals of West University of Timisoara - Series of Chemistry" (1999 - 2013) and "New Frontiers in Chemistry" (since 2014)

(vi) Visiting Professor in University of Bremen (2000, 2002, 2004 - 2007, at special courses leaded by Prof. Dr. B. Jastorff, about applications of high performance liquid chromatography), in Medical University of Gdansk (2005, at a course lidded by Prof. Dr. A. Skladanowsky, about advanced techniques in biochemistry).

Positions and activities outside the university:

1994 – 2008

Institute of Public Health "Prof. Dr. Leonida Georgescu", Timișoara (part time)

Scientific Research: HPLC Analysis of Food Products (pesticides, micotoxins, adulterants, etc.), Analytical & Clinical Biochemistry

<ul style="list-style-type: none"> • Occupation or position held 	Research scientist (Analytical Biochemistry, Chromatography). Member in Scientific Council Board
<ul style="list-style-type: none"> • Dates (from – to) 	October 1983 – December 1990
<ul style="list-style-type: none"> • Name and address of employer 	Institute of Biochemistry of Romanian Academy (former Institute of Biological Sciences), Bucharest, Romania
<ul style="list-style-type: none"> • Type of business or sector 	Scientific Research: Study in: affinity chromatography techniques, analytical and preparative biochemistry, immobilization of enzymes and other biological active compounds, enzyme kinetics
<ul style="list-style-type: none"> • Occupation or position held 	Research scientist (Biochemistry).
EDUCATION AND TRAINING	
<ul style="list-style-type: none"> • Dates (from – to) 	September 2009 – July 2011
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	West University of Timisoara, Faculty of Business Administration and Economics
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Post-University program: Marketing, Organizational Behavior, Change Management, Leadership and Management, R & D projects (Marketing, Comportament organizațional, Managementul schimbării, Leadership si managemnt, Managementul proiectelor de cercetare dezvoltare)
<ul style="list-style-type: none"> • Title of qualification awarded 	Post-University Diploma in Management and Marketing
<ul style="list-style-type: none"> • Dates (from – to) 	July 1998 - September 1998
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	Agrotechnological Institute ATO-DLO Wageningen (The Netherlands)
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Developing ELISA formats for Analyzing KSTI and BBI Inhibitors from Soybean in Food Products Having Soybean as Raw Material.
<ul style="list-style-type: none"> • Title of qualification awarded 	Post doctoral fellowship (immunochemistry, protein purification, ELISA)
<ul style="list-style-type: none"> • Dates (from – to) 	October 1995 - September 1996
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	Agrotechnological Institute ATO-DLO Wageningen (The Netherlands)
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Developing Monoclonal Antibodies against KSTI and BBI Inhibitors from Soybean to be Used in ELISA.
<ul style="list-style-type: none"> • Title of qualification awarded 	Post doctoral fellowship (immunochemistry, protein purification, ELISA)
<ul style="list-style-type: none"> • Dates (from – to) 	April – June 1993
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	Bremen University, Department of Biological Chemistry
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Specialization in HPLC
<ul style="list-style-type: none"> • Title of qualification awarded 	Post doctoral fellowship (HPLC – theory and applications)
<ul style="list-style-type: none"> • Dates (from – to) 	1989-1993
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	Romanian Academy, Institute of Biochemistry
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	PhD Thesis "Isolation and Characterization by Affinity Interactions of Some Biological Active Substances with Application in Analytical and Preparative Biochemistry"
<ul style="list-style-type: none"> • Title of qualification awarded 	PhD in biological sciences (biochemistry)
<ul style="list-style-type: none"> • Level in national classification (if appropriate) 	Top 5 (Magna cum laude)
<ul style="list-style-type: none"> • Dates (from – to) 	1977-1981
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	University of Bucharest, Faculty of Biology, Department (Section) of Biochemistry
<ul style="list-style-type: none"> • Principal subjects/occupational skills covered 	Thesis "Purification and Characterization of Bovine Liver Alkaline Phosphatase"

- Title of qualification awarded
- Level in national classification (if appropriate)

Batchelor of Science
Top 5

PARTICIPATION IN INTERNATIONAL PROJECTS

- Dates (from – to)
- Name and type of organization providing education and training
 - Project name
- Identification data

July 2002 – July 2007
Project "NATO"

Designing molecular test systems for toxicological and eco-toxicological risk assessment
NATO Collaborative Linkage Grant No. 979251\

Coordinator of Romanian team

- Dates (from – to)
- Name and type of organization providing education and training
 - Project name
- Identification data

July 2002 – September 2006
EU-Erasmus

Acronym "GRATE"

Name of the Project: "Graduate and Postgraduate Study of Transdisciplinary Environmental Science". An international Master program was organized in Faculty of Chemistry – Biology – Geography, with international participation. Co-organizer of 3 Summer Schools (one in Romania, two in Poland).

EU-Vereinbarungs-Nr.: 29862-IC-2-2002-1-DE-ERASMUS-PROGUC-1
Coordinator of Romanian team

- Dates (from – to)
- Name and type of organization providing education and training
 - Project name
- Identification data

2011-2012

Brâncuși Program / Bilateral Cooperation Romania - France (Programului Brâncuș / Proiectul de colaborare bilaterală Romania Franța)

Anchorage of caveolin 1 in cellular membrane: RMN studies and simulation of molecular dynamics

Project code 3V/21J

Member in the Romanian team

- Dates (from – to)
- Name and type of organization providing education and training
 - Project name
- Identification data

2011-2012

Romania-Republic of Serbia IPA Cross-border Cooperation Programme financed by the European Union under the Instrument for Pre-accession Assistance (IPA) and co-financed by the partner states in the programme (www.romania-serbia.net)

Cross-border network for advanced training and research in environmental protection

MIS Code 464

Project Manager

- Dates (from – to)
- Name and type of organization providing education and training
 - Project name
- Identification data

2011-2012

HURO/0901/114/2.3.1

Scientific and Entrepreneurial Training for Young Students (SCIENTSTU)

Member in the Romanian team

- Dates (from – to)
- Name and type of organization providing education and training
 - Project name
- Identification data

2017-2020

ERA NET COFASP (Management authority Executive Agency for Higher Education Research, Development and Innovation Funding)

Biotechnological tools implementation for new wound healing applications of byproducts from the crustacean seafood processing industry, Acronym: ChitoWound,

Project Manager

- Dates (from – to)
- Name and type of organization providing education and training
 - Project name

2017-2019

ERA NET PROSAFE (Management authority Executive Agency for Higher Education Research, Development and Innovation Funding)

Polymeric NanoBioMaterials for drug delivery: developing and implementation of safe-by-design

Identification data	concept enabling safe healthcare solutions, Acronym: GoNanoBioMat Project Manager
PARTICIPATION IN NATIONAL PROJECTS	
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Project name Identification data	<p>2005-2008</p> <p>National Agency for Research (CNCSIS), Program Research of Excellence (RELANSIN:MEC, CEEEX.),</p> <p>Acronym "BIOCHEM"</p> <p>"Integrated Biotechnologies cu Physic and Chemical Processes for Municipal Waste Waters Treatment Aiming Reutilization (Biotehnologii Integrate cu Procedee Fizico-Chimice pentru Epurarea Apelor Uzate Orasenesti si Tratarea Namolurilor Reziduale in Scopul Reutilizarii acestora) Proiect Relansin CEEEX Biochem PC-D06-PT25-1184</p> <p>Coordinator of UVT team</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Project name Identification data	<p>2005-2008</p> <p>National Agency for Research (CNCSIS), Program Research of Excellence (MATNANTECH: MEC, CEEEX.),</p> <p>Acronym "NANOBIOMED"</p> <p>"Nanomaterials with Controled Porosity and Magnetic and Optical Tailored Properties Obtained by Sol-Gel Method and Sonosynthesis with Potential Application in Environmental Protection, Biology and Medicine " (Nanomateriale cu Porozitate Controlata si Proprietati Magnetice si Optice Dirijate, Obtinute prin Metoda Sol-Gel si Sonosinteza, cu Potential Aplicativ în Protectia Mediului, Biologie si Medicina) 1198A / 06.10.2005. 38 /2005</p> <p>Member in the implementation team</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Project name Identification data	<p>2009-2011</p> <p>Project POSDRU, ID 19/1.3/G/15852</p> <p>Development of competences in teaching chemistry to high-school teachers who graduated related specializations (Formarea de competențe de predare a chimiei pentru profesorii din învățământul preuniversitar licențiați în alte discipline înrudite / membru în echipa de implementare)</p> <p>Member in the implementation team</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Project name Identification data	<p>2010-2012</p> <p>Proiect POSDRU 21/1.5/G/38347</p> <p>Local partnership for raising the potential of doctoral schools and increase the research potential of teachers involved in priority areas during the post-ascension stage of Romania to the EU (Parteneriat local pentru ridicarea nivelului școlilor doctorale și valorificarea potențialului uman din cercetare în domenii prioritare ale etapei postaderare a României la UE)</p> <p>Manager proiect</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Project name Identification data	<p>2010-2012</p> <p>Proiect POSDRU 21/1.5/G/13798</p> <p>Doctoral School in support of research in the European context (Școala doctorală în sprijinul cercetării în context european)</p> <p>Coordinator of UVT team</p>
<ul style="list-style-type: none"> • Dates (from – to) • Name and type of organization providing education and training • Project name Identification data	<p>2010-2014</p> <p>Proiect POSDRU 86/1.2/S/56872</p> <p>Inter-university virtual community for science, technology, innovation and promotion of intellectual property (Comunitate virtuală interuniversitară pentru știință, tehnologie, inovare și valorificare a proprietății intelectuale)</p>

- Dates (from – to)
 - Name and type of organization providing education and training
 - Project name
- Identification data

PERSONAL SKILLS AND COMPETENCES

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

MOTHER TONGUE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

SOCIAL SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential

ORGANIZATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

OTHER SKILLS AND COMPETENCES

Competences not mentioned above.

Coordinator of UVT team

2014-2015

Proiect POSDRU 161/2.1/G/133468

Developing creativity and capacity for innovation through interdisciplinary approaches and facilitate graduates' insertion in the labor market (Dezvoltarea creativității și a capacității de inovare prin abordări interdisciplinare și facilitarea inserției absolvenților pe piața muncii)

Deputy manager

ROMANIAN

1. ENGLISH; 2. FRENCH

level: 1= excellent, 2= good,

level: 1=excellent, 2= basic.

level: 1= excellent, 2=good

Experience in working with international groups (organizing and participating to international Summer Schools) and to teach to international students. Good skills in both verbal and nonverbal communication useful for conflict resolution and intercultural relations. Considering basic verbal skills I may mention the smoothness of the delivery, intelligible speech, variable tone, and use of open-ended questions. Among the nonverbal basic skills I like to use the active listening, confident and open stance and relaxed manner

Good organizational skills, demonstrating by the positions held in work experience chapter and by the positive results obtained. All the activities are carefully prepared according with a scheduled plan.

Very skillful in using various software from general software like Microsoft Office until very specialized software like Reference Manager, ISIS-Draw, chromatographic software, and so on.

Very skilful in using various type or equipment used in chemistry and biology laboratories (starting with equipment from broad use like spectrofotometers, centrifuges, an so on, and finishing with very specialized equipment like UPLC – PDA-QToF, ELISA systems, etc.).

I am involved in activities related to collaboration with foreign partners, study visits to share best practices, dissemination and promotion of department activities, organization of scientific events, reports and analysis to ensure quality management in higher education, the implementation solutions for self-learning and self-assessment to improve educational activities, development and management of databases through a virtual library for quality assurance in higher education, training programs to facilitate access to learning, extending the use of ICT for students and staff within the department, self-assessment, training and evaluation assistance.

In the projects implemented in the last 5 years one of the major aim was the development of an platform to be used in creative learning, experiential learning and collaborative learning. Our team was seeking to research and develop a technological platform, comprising different learning-tracking assignments enabling collection of relevant learning data.

ADDITIONAL INFORMATION

Reference may be obtained from:

Prof. Dr. R. Fischer, RWTH Aachen University and Fraunhofer IME Institute (Germany)
(fischer@molbiotech.rwth-aachen.de)

Prof. Dr. K.C. Swallow, Merrimack College (USA) (swallowk@merrimack.edu)

Prof. Dr. T. Salifoglou, Aristotle University Thessaloniki (Greece) (salif@auth.gr)

Prof. Dr. R. Prodanovic, Belgrade University (Serbia) (rprodano@chem.bg.ac.rs)

ANNEXES

LIST OF PUBLICATIONS

(7 RELEVANT ARTICLES)

1. Menghiu, G., Ostafe, V., Prodanovic, R., Fischer, R., Ostafe, R., Biochemical characterization of chitinase A from *Bacillus licheniformis* DSM8785 expressed in *Pichia pastoris* KM71H, *Protein Expression and Purification*, 154 (2019) 25-32
2. Roman, D.L., Roman, R., Sletta, H., Ostafe, V., Isvoran, A., Assessment of the properties of chitin deacetylases showing different enzymatic action patterns, *Journal of Molecular Graphics and Modelling*, 88 (2019) 41-49
3. Moraru, C., Mincea, M.M., Frandes, M., Timar, N., Ostafe, V., A Meta-Analysis on Randomised Controlled Clinical Trials Evaluating the Effect of the Dietary Supplement Chitosan on Weight Loss, Lipid Parameters and Blood Pressure, *Medicina*, 54(6) (2018) 106
4. Preda, M., Mincea, M.M., Ionaşcu, C., Botez, A.V., Ostafe, V., Contamination of Groundwater with Phenol Derivatives around a Decommissioned Chemical Factory, *Environmental Engineering and Management Journal*, 17 (2018) 569-577.
5. Roman, M., Roman, D.L., Ostafe, V., Ciorsac, A., Isvoran, A., Computational assessment of pharmacokinetics and biological effects of some anabolic and androgenic steroids, *Pharmaceutical Research*, 35 (2018) 41
6. Vladoiu, D.L., Ostafe, V., Isvoran, A., Computational Analysis of the Effects of Mutations on Catalytic Cavity of Chitinases A. *Romanian Biotechnological Letters*, 22 (2017)
7. Patrulea, V., Hirt-Burri, N., Jeannerat, A., Applegate, L.A., Ostafe, V., Jordan, O., Borchard, G., Peptide-decorated chitosan derivatives enhance fibroblast adhesion and proliferation in wound healing; *Carbohydrate Polymers*, 142 (2016) 114-123

Prof. Dr. Vasile OSTAFE

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